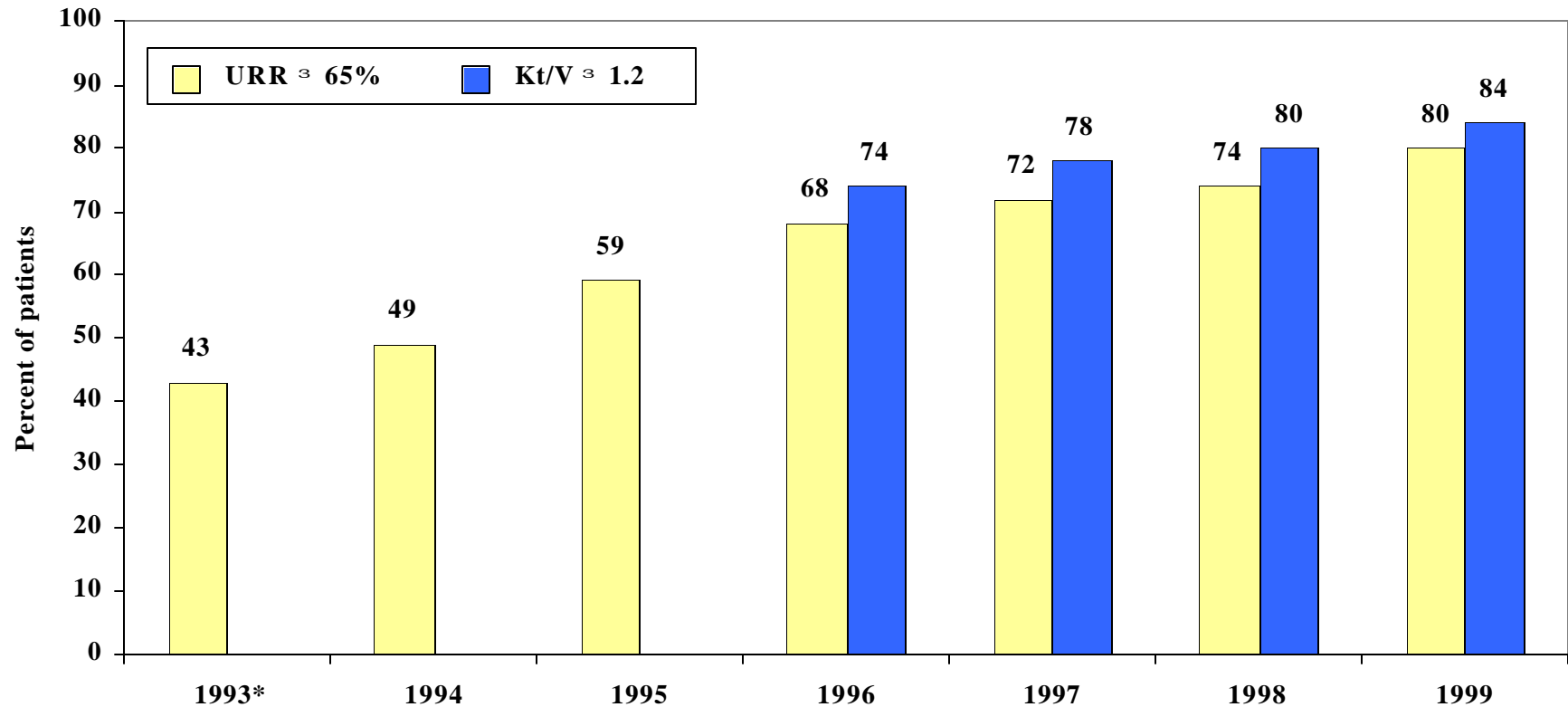


**Figure 2: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean URR  $\geq$  65% in October–December 1999 compared to October–December 1993\*, 1994, 1995, 1996, 1997, and 1998 and percent of patients with mean Kt/V  $\geq$  1.2\*\*, October–December 1999 compared to October–December 1996, 1997, and 1998. 2000 ESRD CPM Project.**



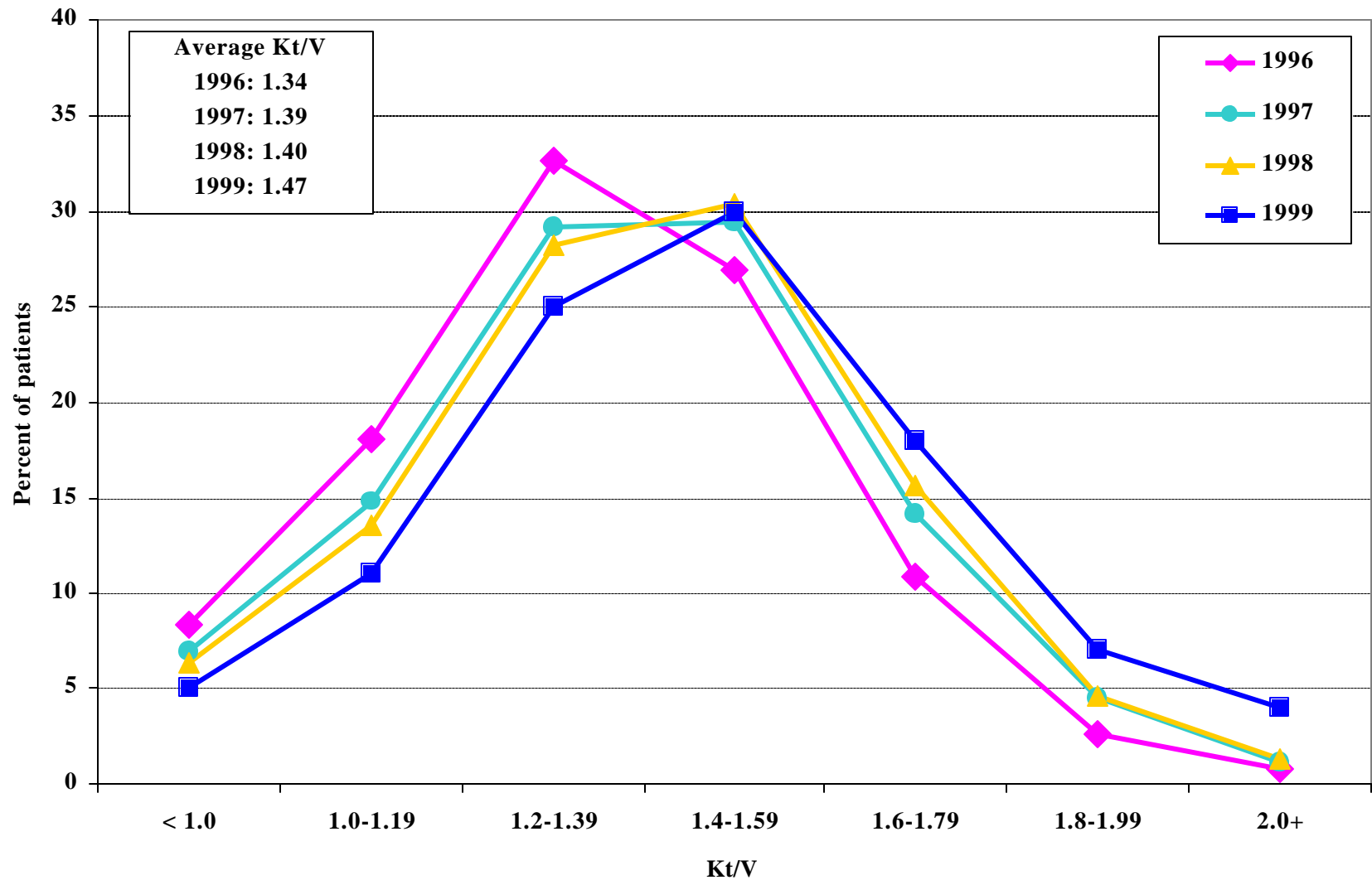
\*Sixteen Network areas participated in the first ESRD Core Indicators assessment (October–December 1993); all Network areas participated in subsequent years.

\*\*Information to calculate Kt/V was not collected until 1996.

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

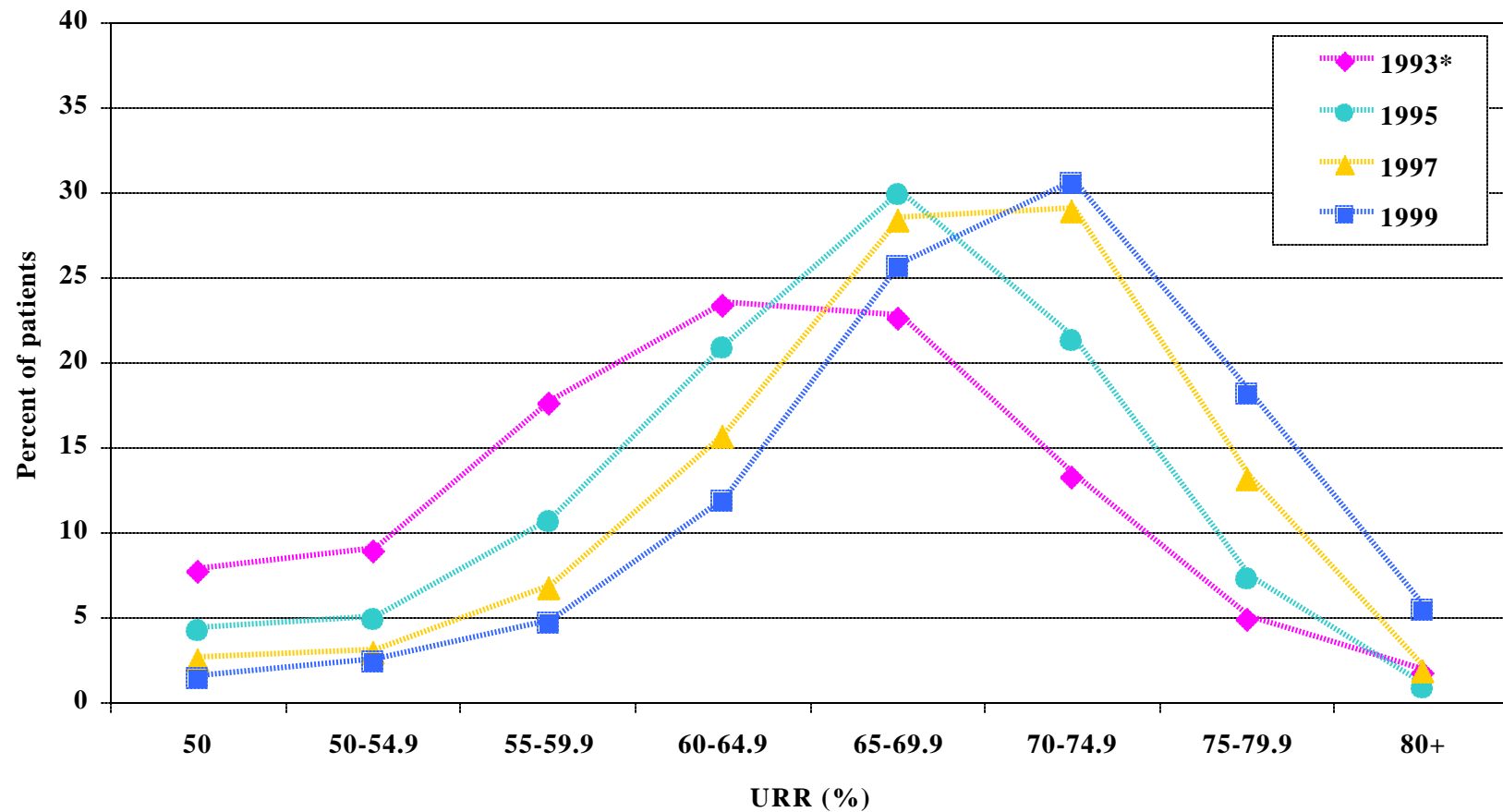


**Figure 3: Distribution of mean Kt/V values for adult (aged  $\geq$  18 years) in-center hemodialysis patients, October–December 1999 compared to October–December 1996, 1997, and 1998. 2000 ESRD CPM Project.**



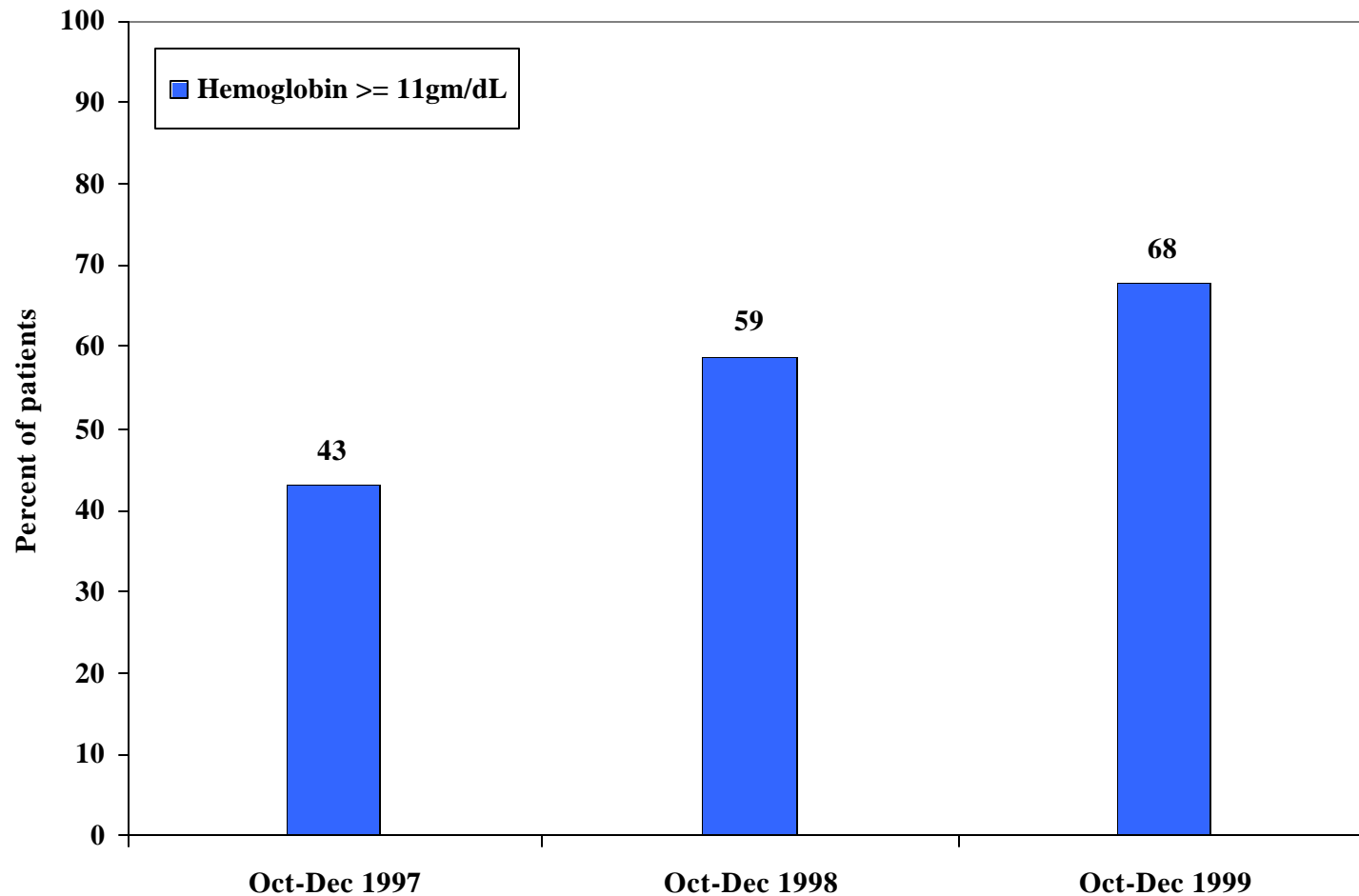
Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project

**Figure 3a: Distribution of mean URR values for adult (aged  $\geq$  18 years) in-center hemodialysis patients, October-December 1999 compared to October-December 1993\*, 1995, and 1997. 2000 ESRD CPM Project.**



\*Sixteen Network areas participated in the first ESRD Core Indicators assessment (October-December 1993); all Network areas participated in subsequent years.

**Figure 4: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean hemoglobin  $\geq$  11 gm/dL, October–December 1999 compared to October–December 1997 and 1998. 2000 ESRD CPM Project.**



The relationship between hematocrit and hemoglobin differs significantly depending upon the instrumentation used to measure them and therefore are not comparable. (1)

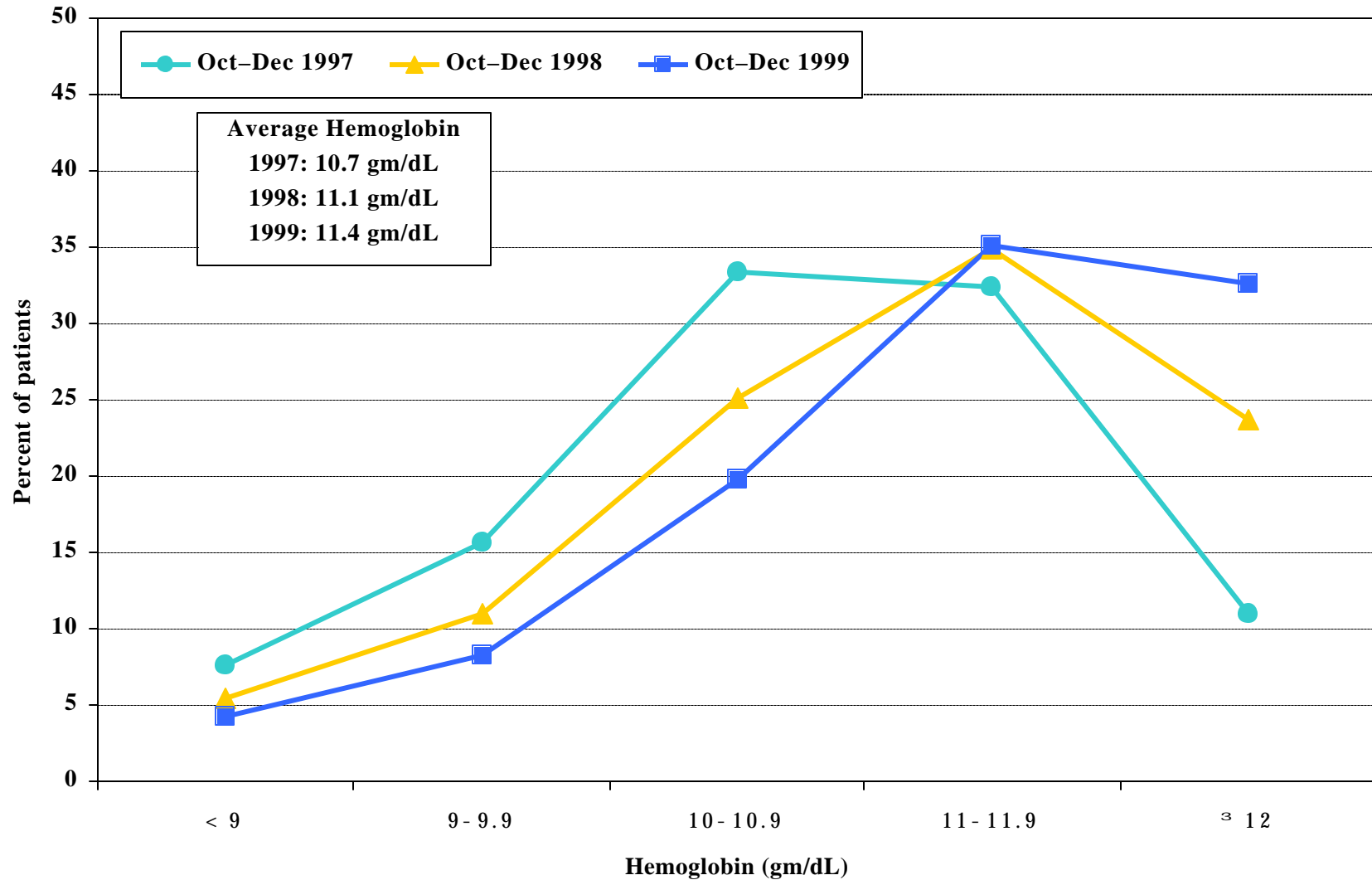
*Source:*

2000 Annual Report

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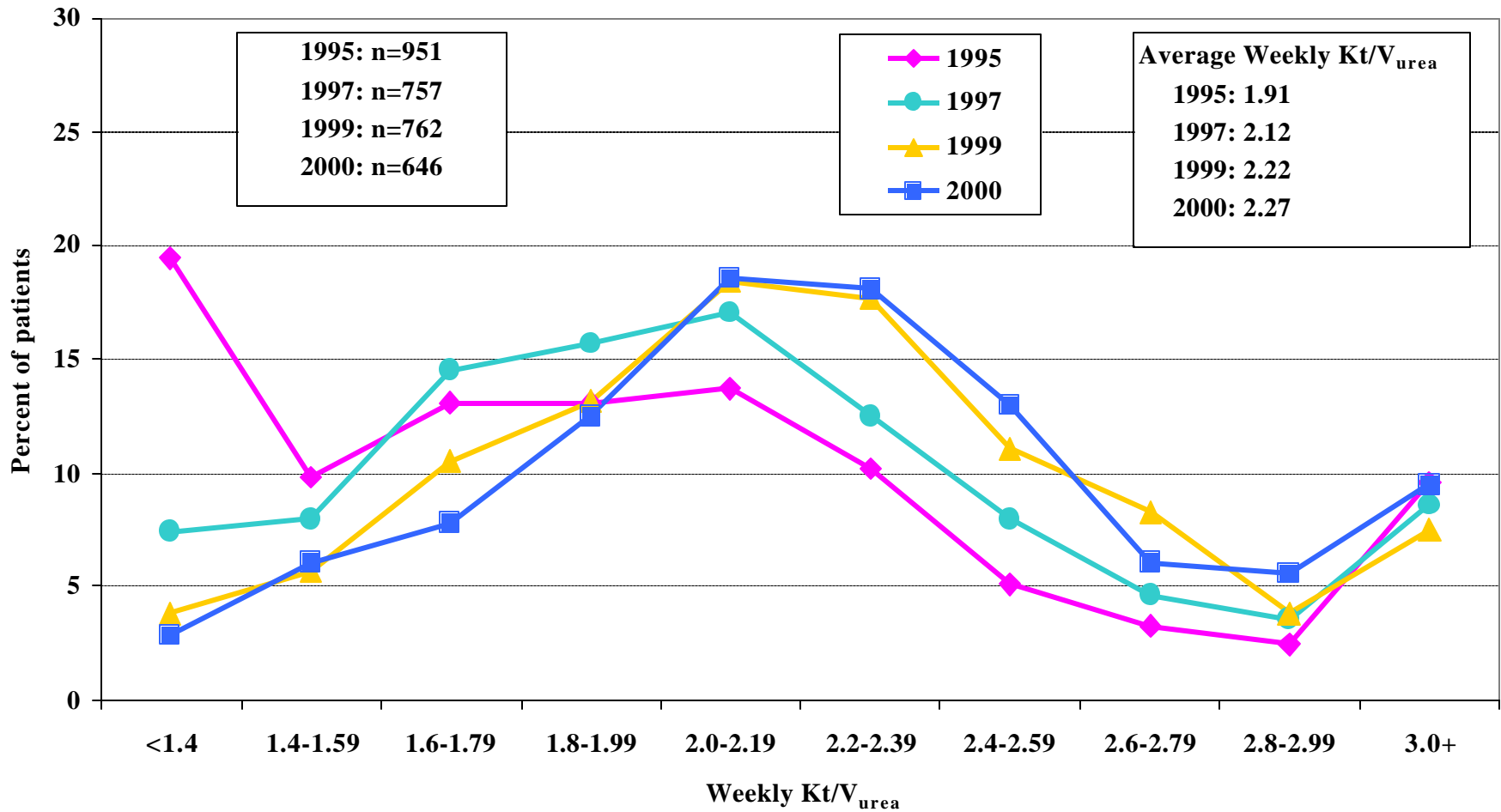
**Figure 5: Distribution of mean hemoglobin values for adult (aged  $\geq$  18 years) in-center hemodialysis patients, October–December 1999 compared to October–December 1997 and 1998. 2000 ESRD CPM Project.**



Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project



**Figure 6: Distribution of mean weekly Kt/V<sub>urea</sub> values for adult (aged <sup>≥</sup>18 years) CAPD patients, October 1999-March 2000 compared to November 1994-April 1995, November 1996-April 1997, and October 1998-March 1999. 2000 ESRD CPM Project.**



n=number of CAPD patients in the sample

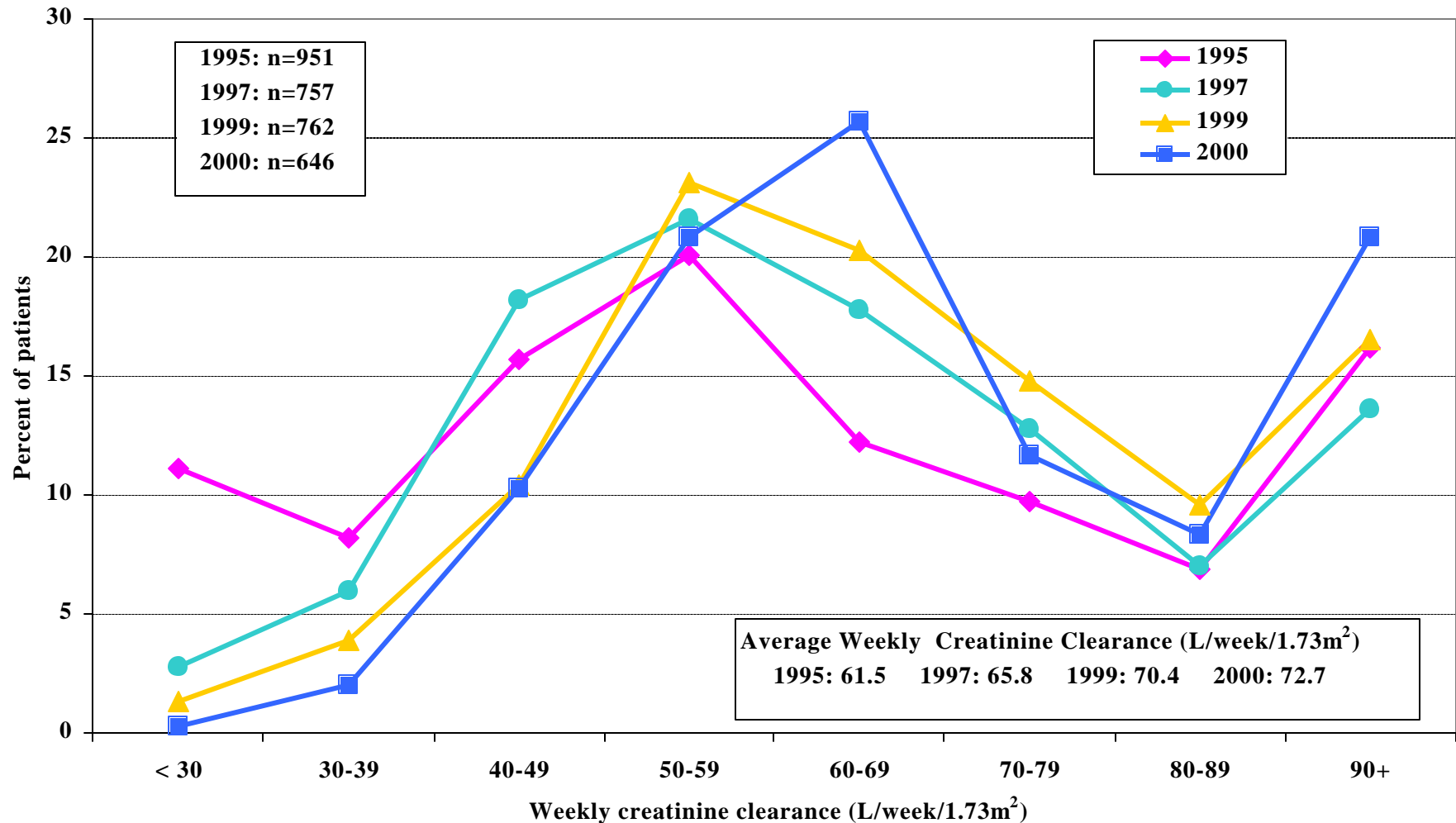
Source:

2000 Annual Report

ESRD Clinical Performance Measures Project



**Figure 7: Distribution of mean weekly creatinine clearance values (L/week/1.73m<sup>2</sup>) for adult (aged  $\geq$ 18 years) CAPD patients, October 1999-March 2000 compared to November 1994-April 1995, November 1996-April 1997, and October 1998-March 1999. 2000 ESRD CPM Project.**

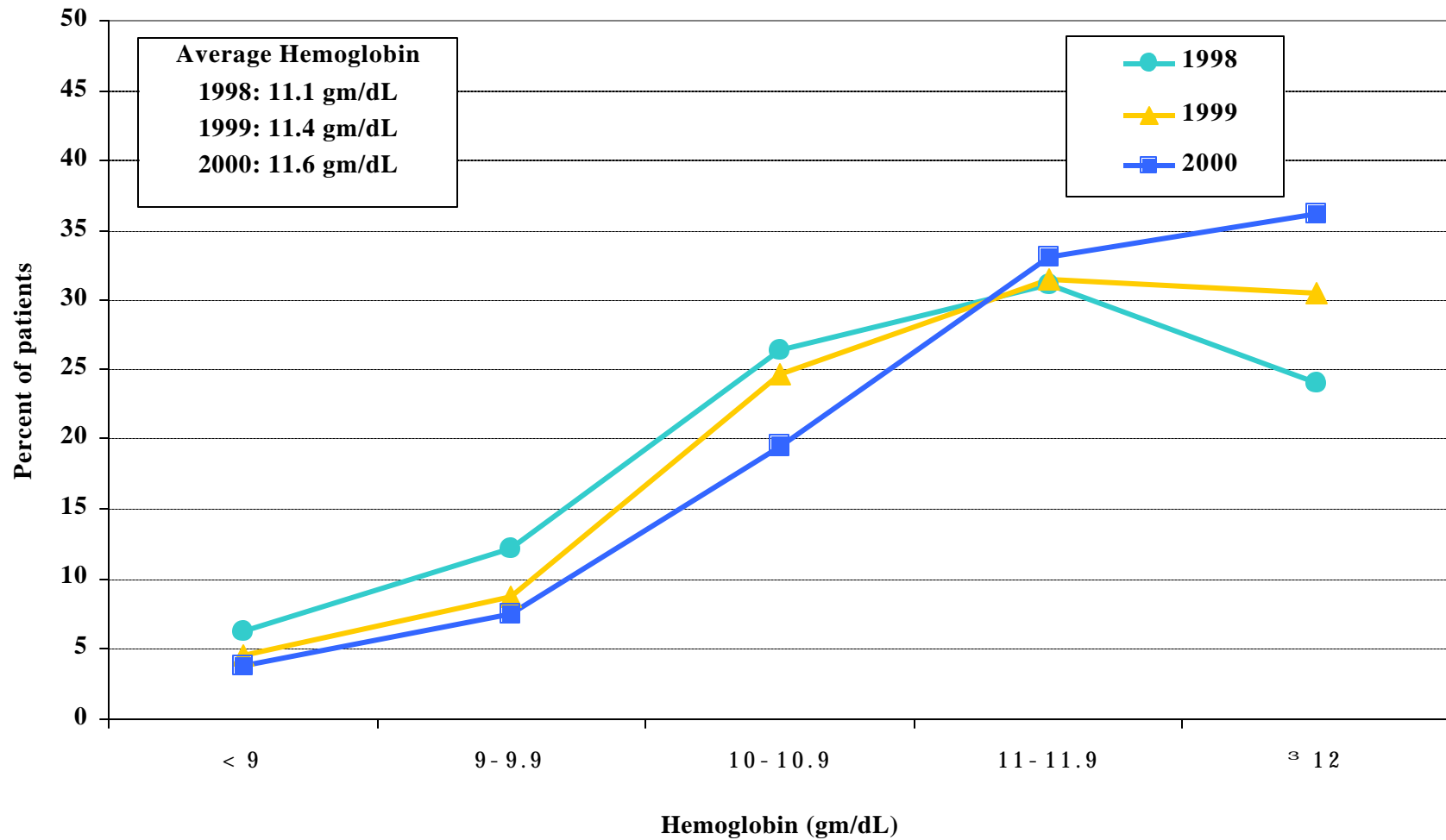


n=number of CAPD patients in the sample

Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project



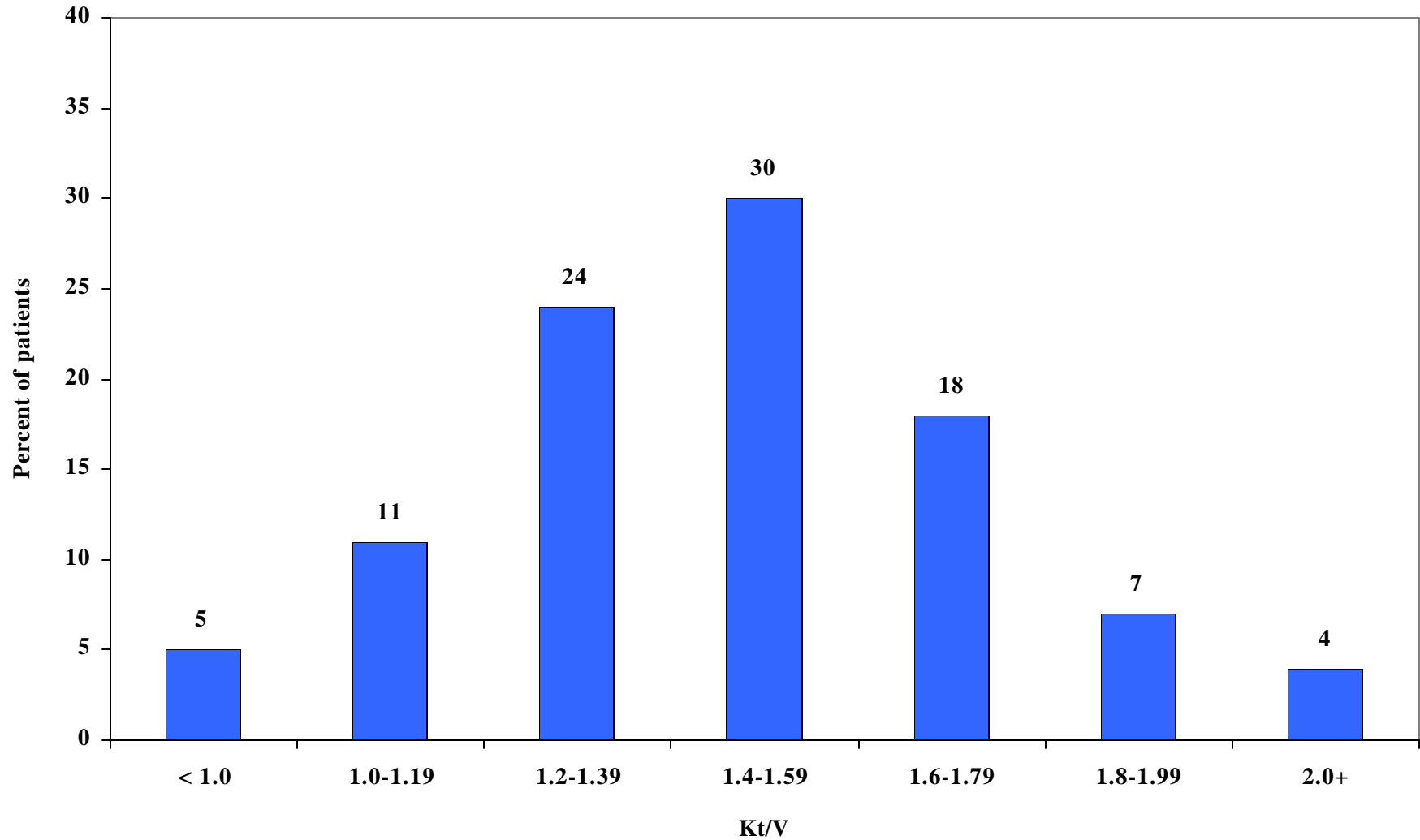
**Figure 8: Distribution of mean hemoglobin values for adult (aged  $\geq$  18 years) peritoneal dialysis patients October 1999-March 2000 compared to November 1997-April 1998 and October 1998-March 1999. 2000 ESRD CPM Project.**



Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project

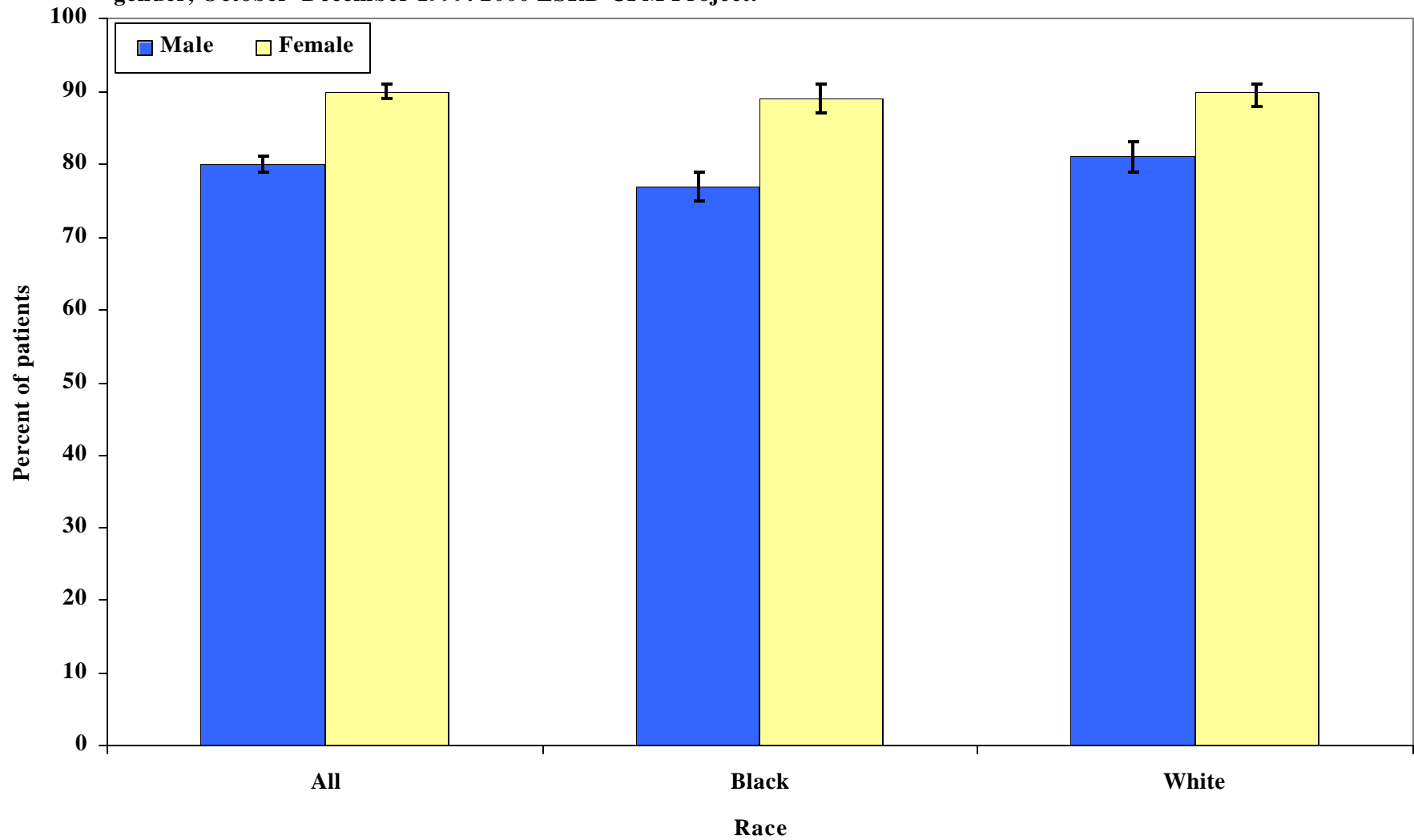


**Figure 9: Distribution of mean delivered Kt/V values for adult (aged  $\geq$  18 years) in-center hemodialysis patients, October-December 1999. 2000 ESRD CPM Project.**



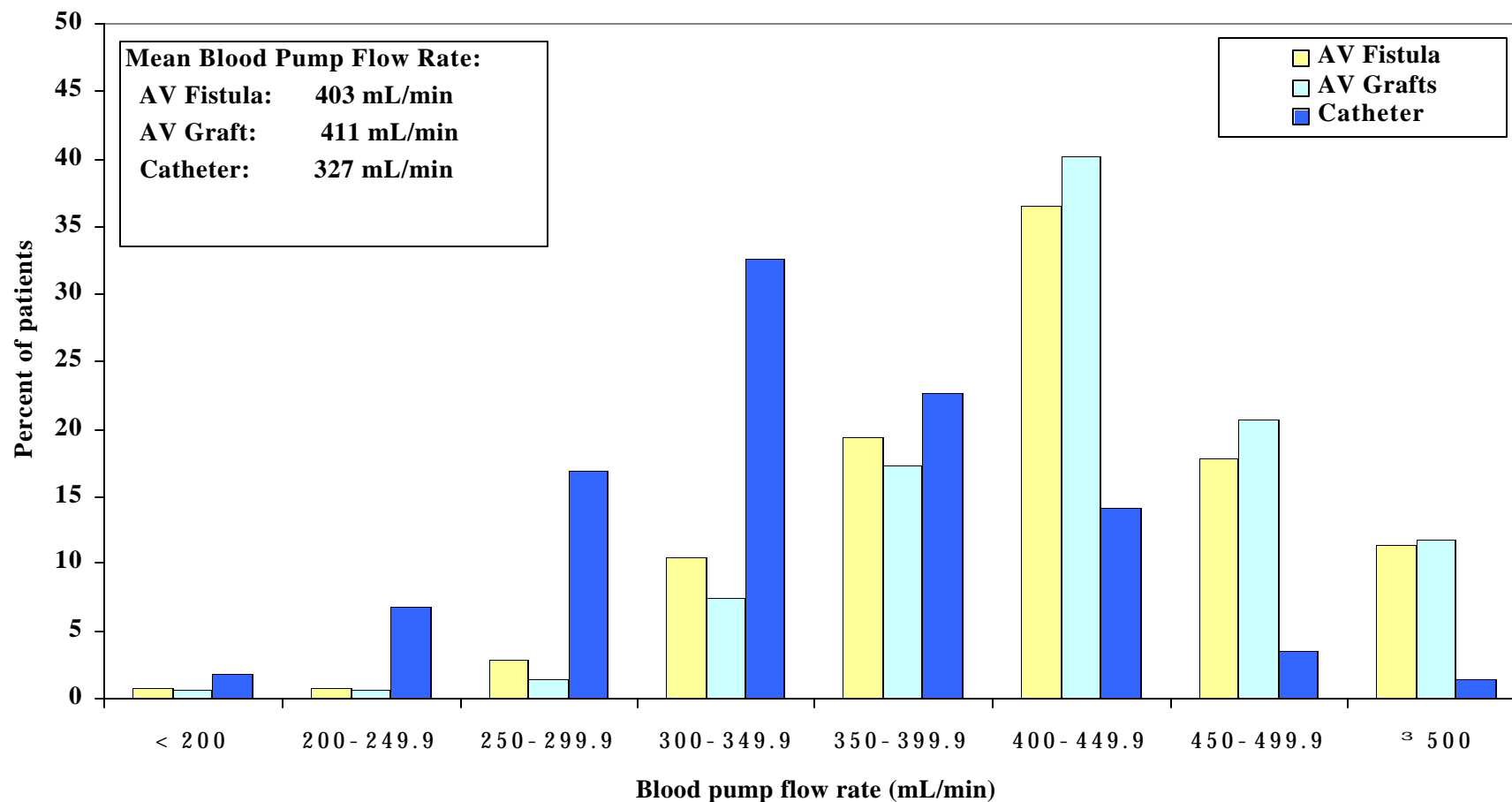
*Source:*  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 10: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean delivered Kt/V  $\geq$  1.2, by race and gender, October–December 1999. 2000 ESRD CPM Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 11: Distribution of mean blood pump flow rates 60 minutes into the dialysis session for adult (aged  $\geq 18$  years) in-center hemodialysis patients, by access type, October–December 1999. 2000 ESRD CPM Project.**



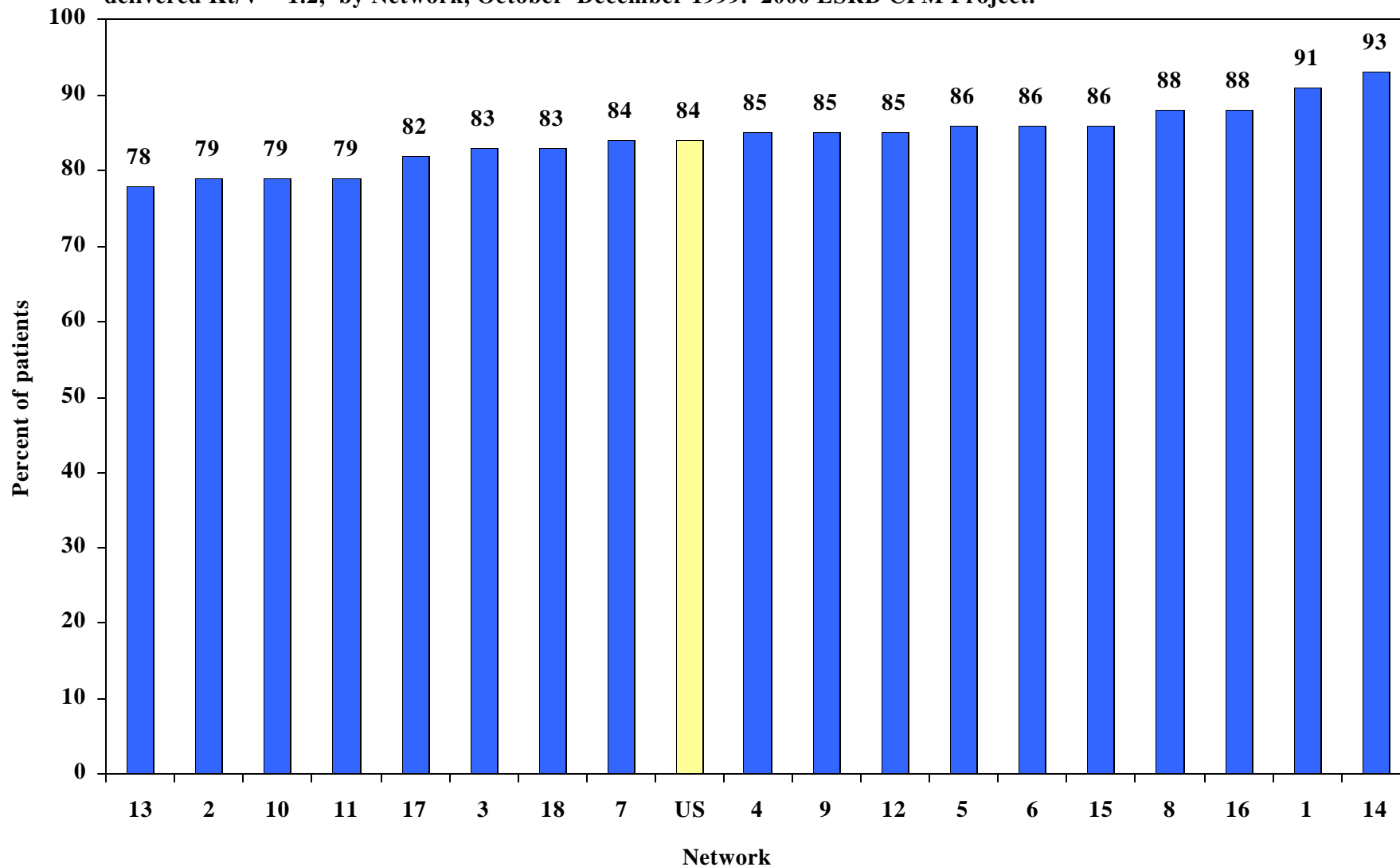
**Note:** Actual blood flow delivered to the dialyzer may be lower than the prescribed pump blood flow (24). This is particularly true for catheters where differences between delivered and prescribed blood flow to the dialyzer of 25% or more may exist at prescribed blood pump flow rates of 400 mL/min or more (25).

**TABLE A: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients receiving dialysis with a mean delivered URR  $\geq$  65%, October - December 1999, by gender, race, and Network. 2000 ESRD CPM Project.**

PATIENT CHARACTERISTIC	NETWORK																		US
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
ALL	86	73	78	81	79	81	79	80	82	73	74	81	73	90	82	84	77	79	<b>80</b>
RACE																			
African-American	81	65	76	83	80	82	77	81	78	71	67	79	70	86	66	80	65	75	<b>77</b>
Caucasian	87	77	83	80	77	79	80	80	84	73	77	81	76	92	83	85	74	80	<b>81</b>
MEN																			
African-American	81	60	70	77	71	71	71	70	73	60	62	72	55	83	55	77	58	61	<b>69</b>
Caucasian	84	75	79	74	66	75	75	76	80	64	68	79	63	84	78	82	69	77	<b>76</b>
WOMEN																			
African-American	81	71	84	89	90	94	82	91	83	84	76	86	83	90	83	86	75	85	<b>86</b>
Caucasian	91	80	91	86	92	85	88	84	87	83	88	84	90	99	90	90	80	83	<b>88</b>

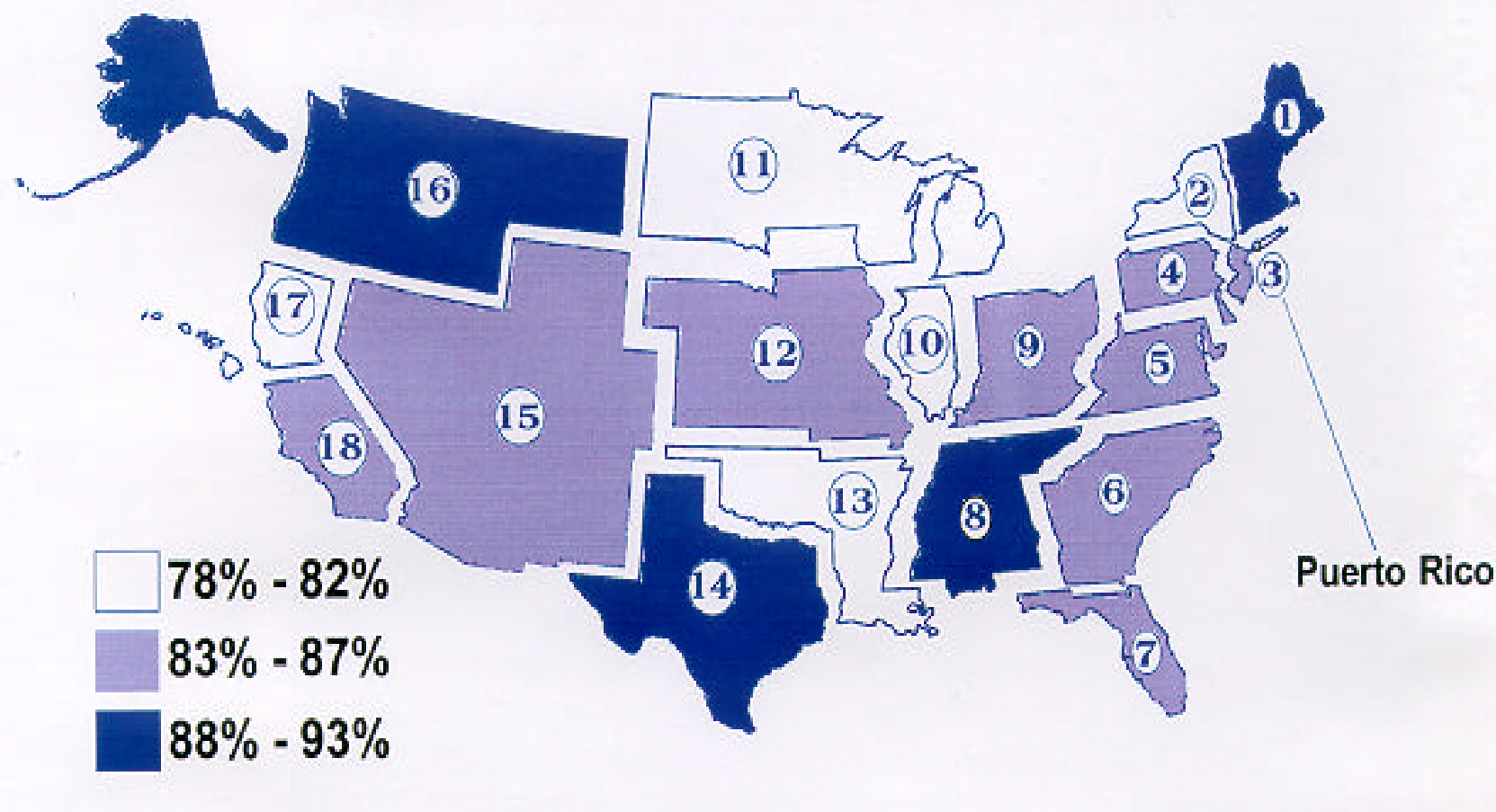
**Note: A delivered URR of 65% does not necessarily correlate with a delivered Kt/V of 1.2.**

**Figure 12: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients receiving dialysis with a mean delivered Kt/V  $\geq$  1.2, by Network, October–December 1999. 2000 ESRD CPM Project.**



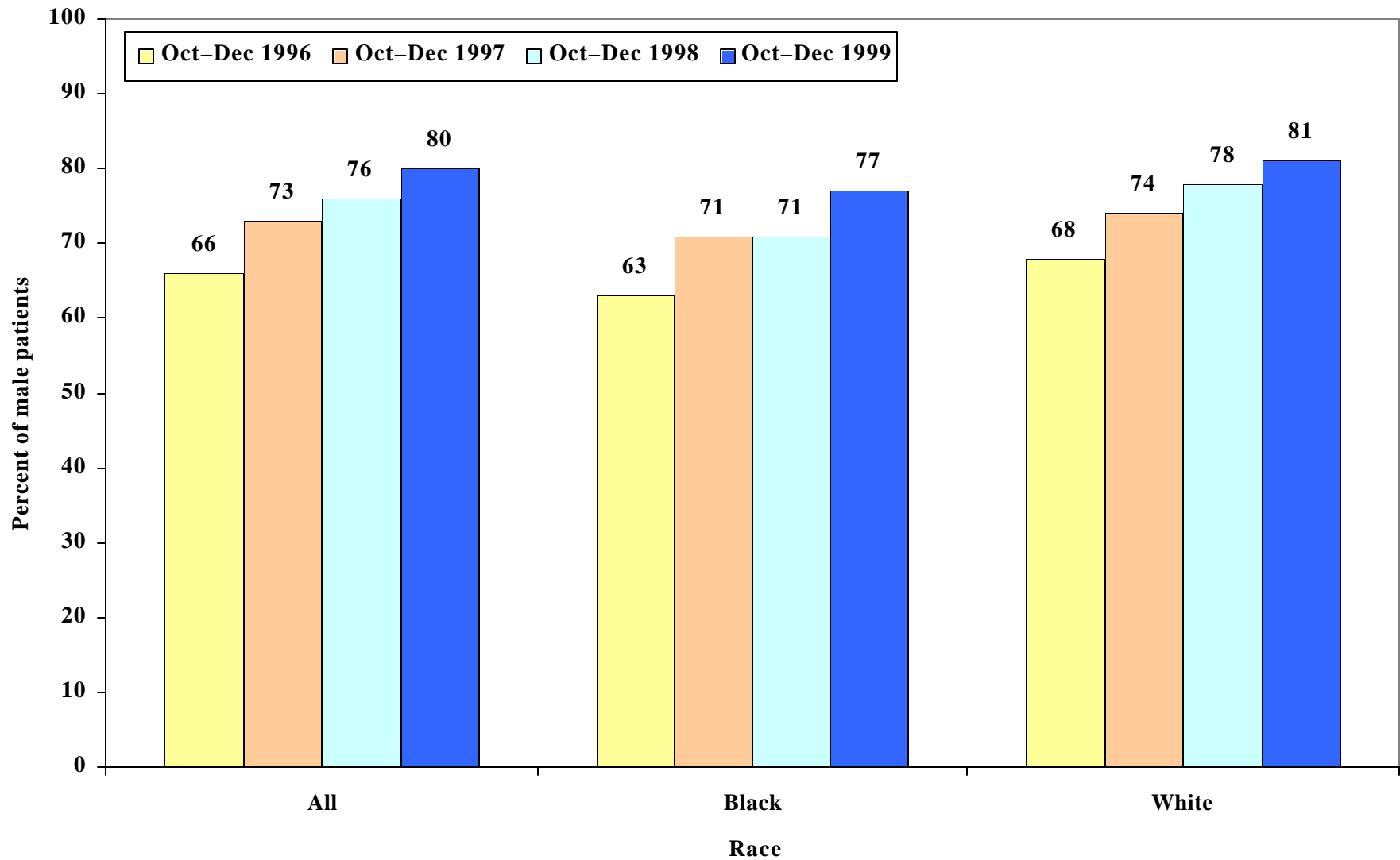
*Source:*  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 13: Percent of adult (aged  $\geq 18$  years) in-center hemodialysis patients receiving dialysis with a mean delivered Kt/V  $\geq 1.2$  by Network, October - December 1999, 2000 ESRD CPM Project.**



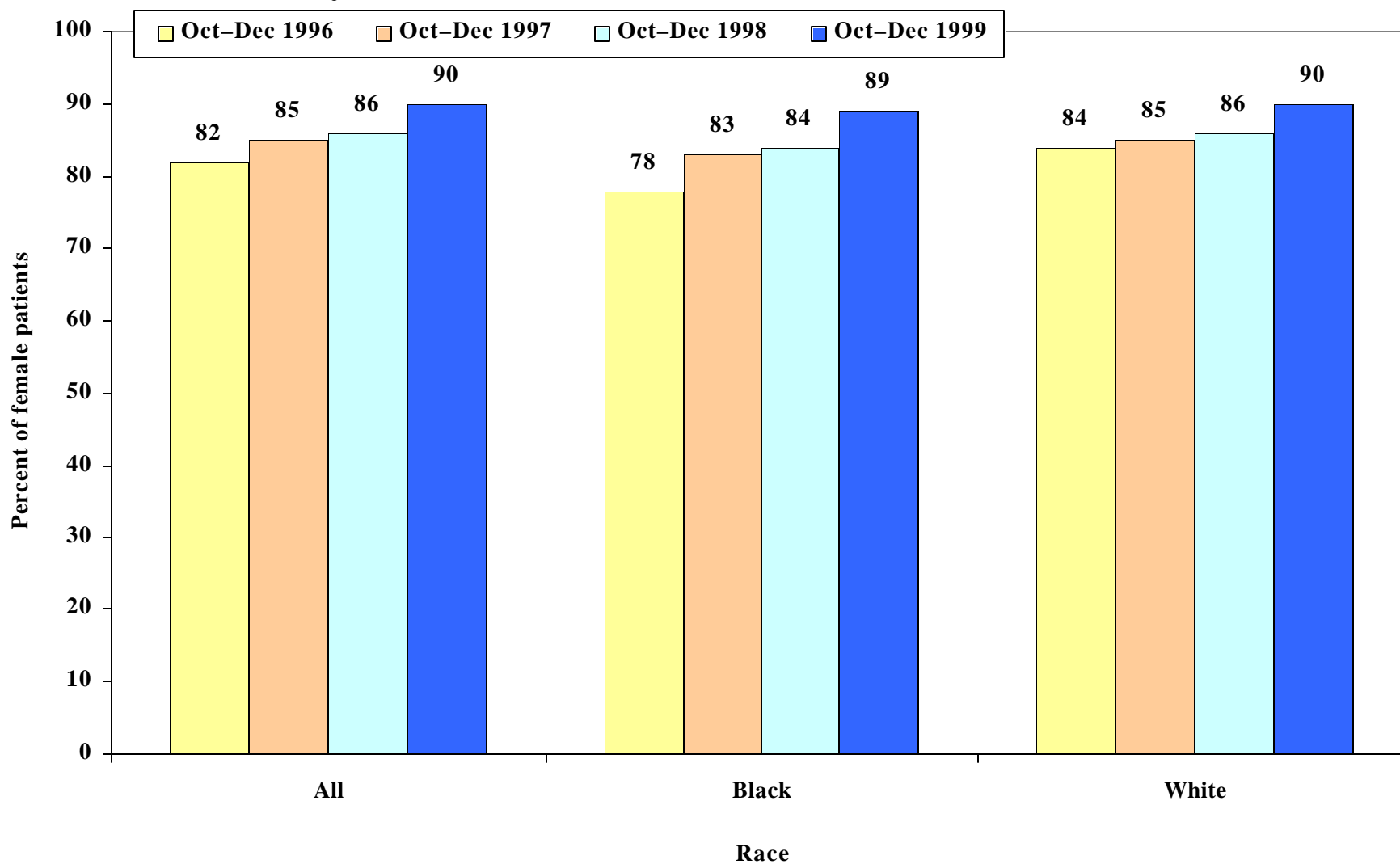
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 14: Percent of adult (aged  $\geq$  18 years) male in-center hemodialysis patients with mean delivered Kt/V  $\geq$  1.2, by race, October–December 1999 compared to October–December 1996, 1997, and 1998. 2000 ESRD CPM Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

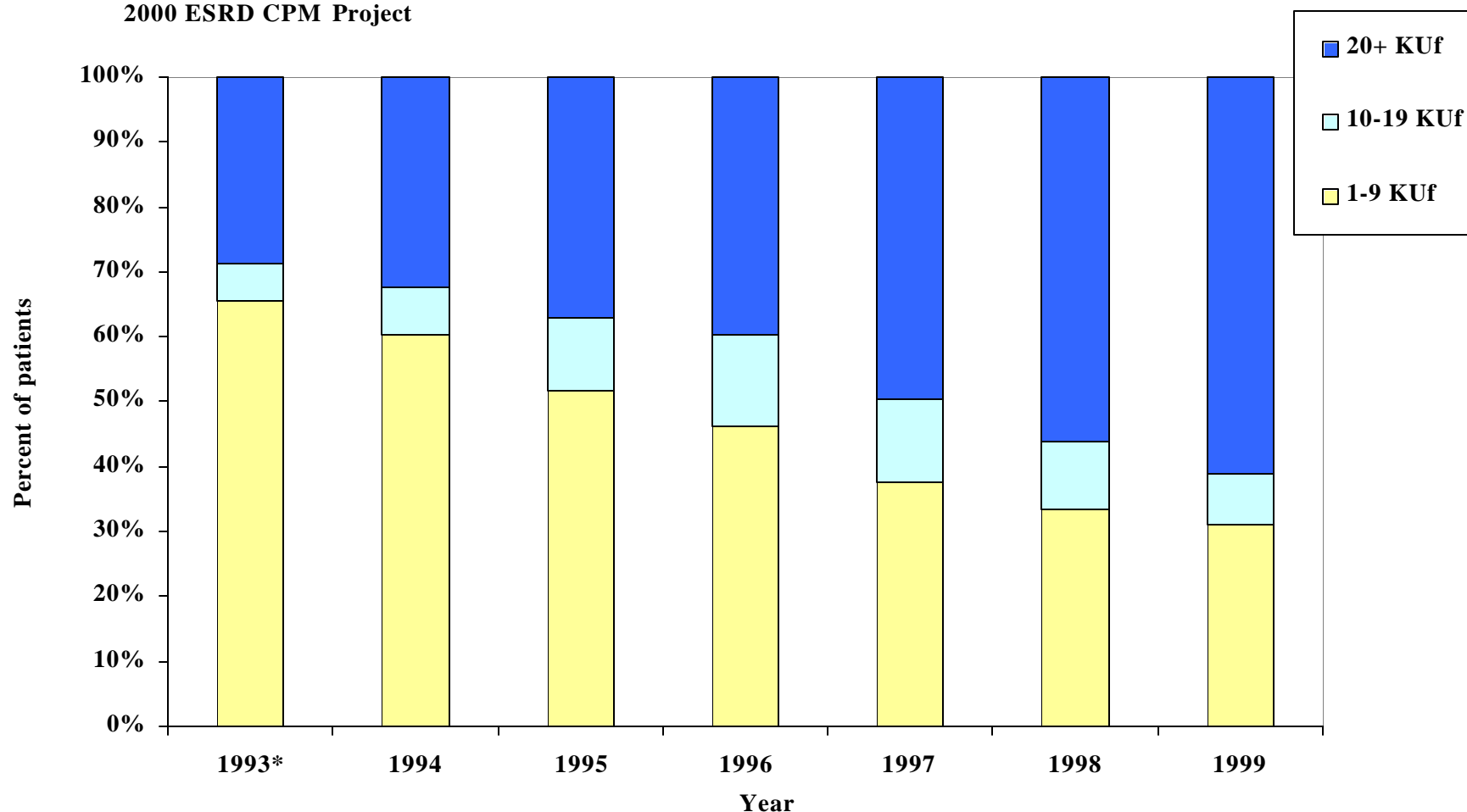
**Figure 15: Percent of adult (aged  $\geq$  18 years) female in-center hemodialysis patients with mean delivered Kt/V  $\geq$  1.2, by race, October–December 1999 compared to October–December 1996, 1997, and 1998. 2000 ESRD CPM Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project



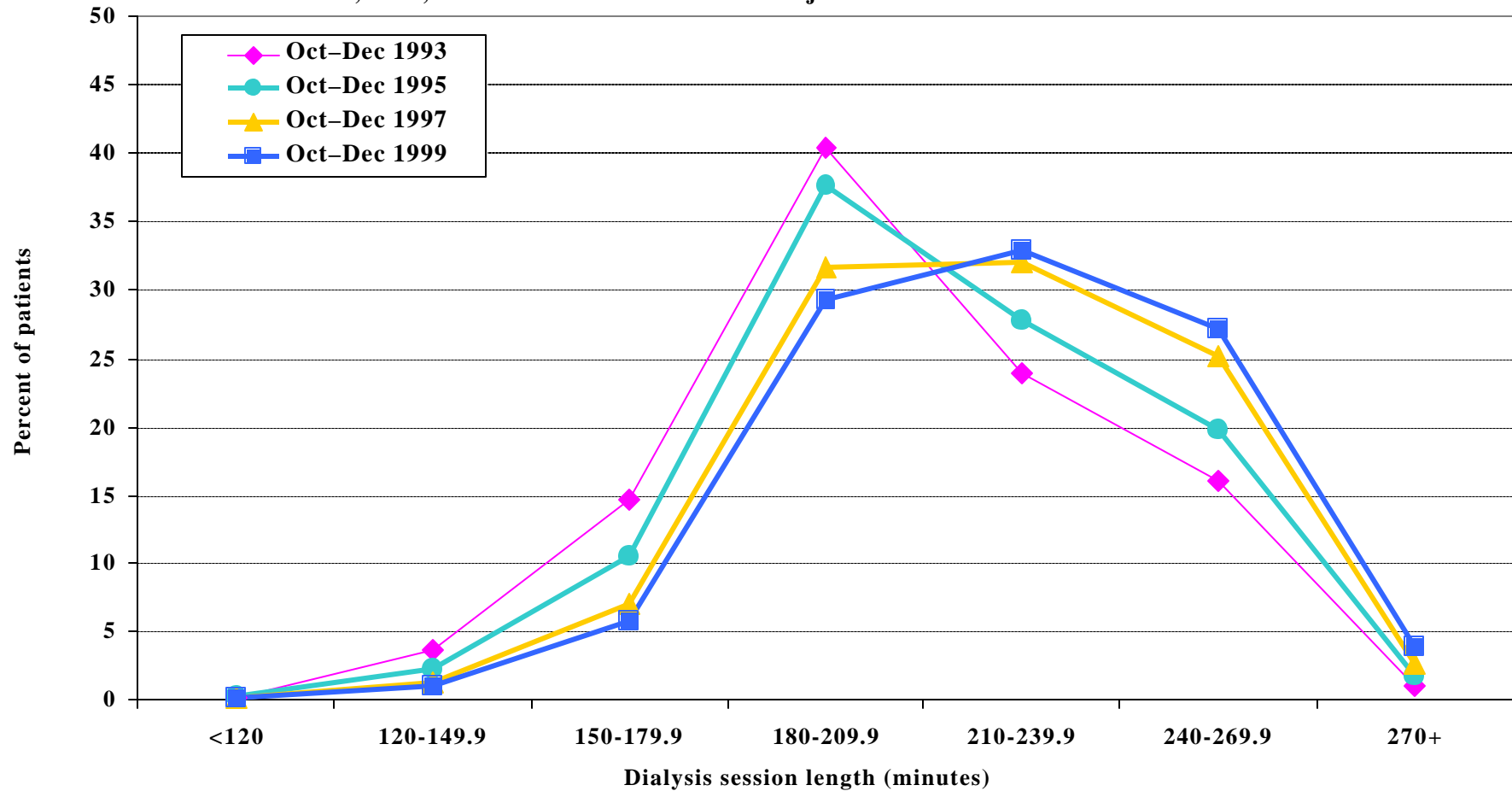
**Figure 16: Percent of adult (aged  $\geq 18$  years ) in-center hemodialysis patients dialyzed by dialyzer K<sub>uf</sub> category, October-December 1999 compared to October-December 1993\*, 1994, 1995, 1996, 1997, and 1998.**  
**2000 ESRD CPM Project**



**\*Sixteen Network areas participated in the first ESRD Core Indicators assessment (October–December 1993); all Network areas participated in subsequent years.**

*Source:*  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project

**Figure 17: Distribution of mean dialysis session length (minutes), October-December 1999 compared to October-December 1993\*, 1995, and 1997. 2000 ESRD CPM Project.**

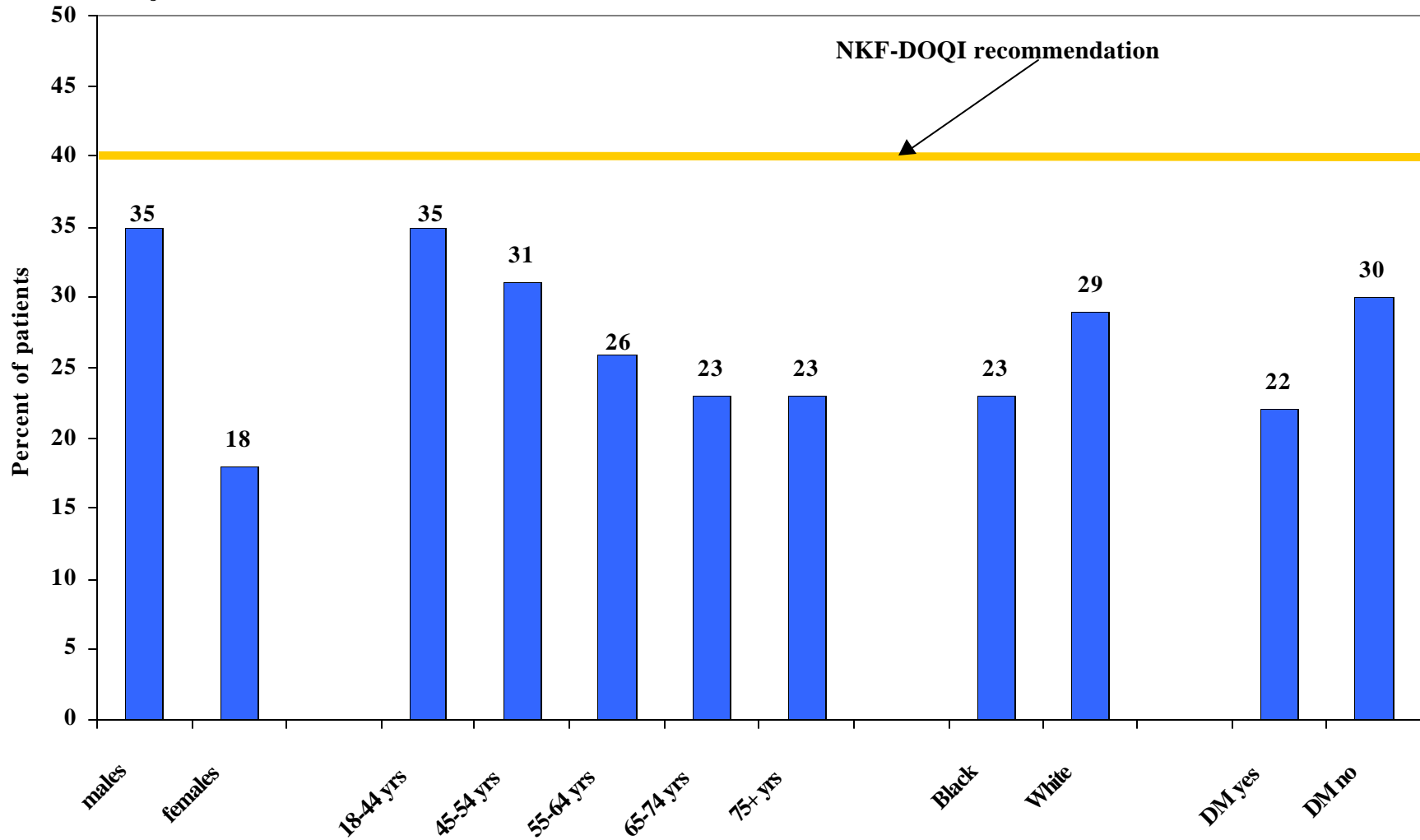


**\*Sixteen Network areas participated in the first ESRD Core Indicators assessment (October–December 1993); all Network areas participated in subsequent years.**

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

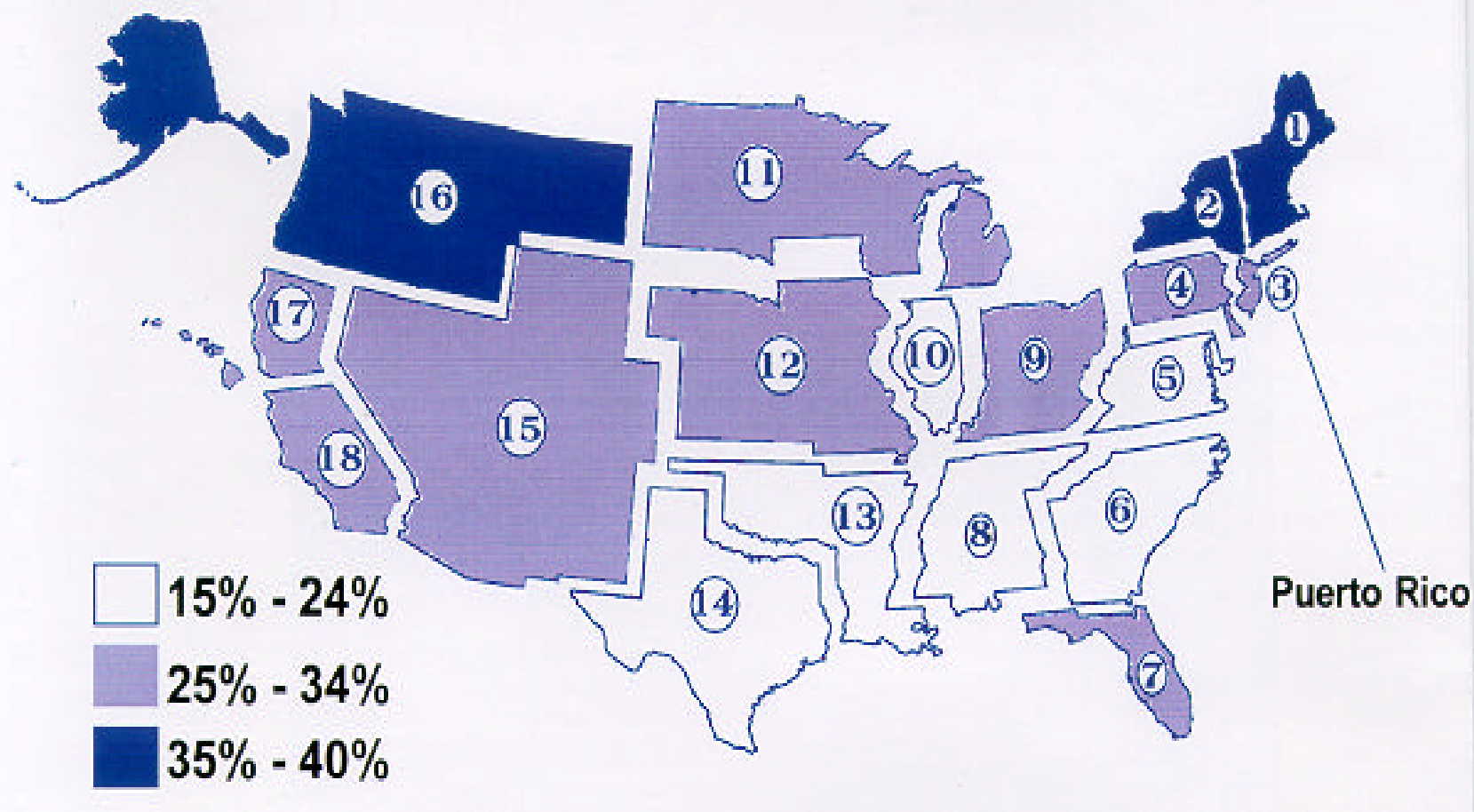


**Figure 18: Percent of all adult (aged  $\geq 18$  years) in-center hemodialysis patients dialyzed with an AV fistula on their last hemodialysis session during October-December 1999, by patient characteristics. 2000 ESRD CPM Project.**



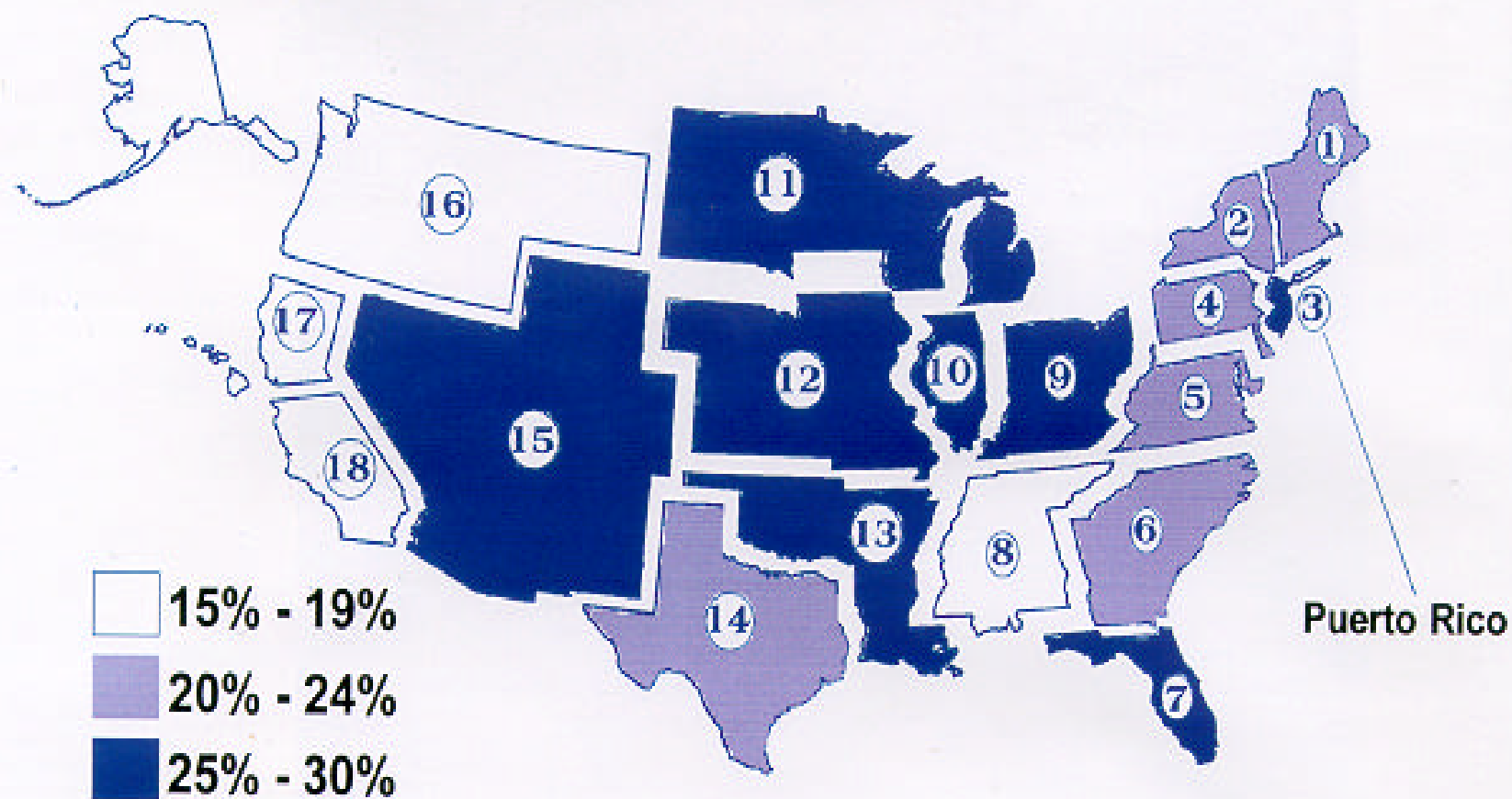
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 19: Percent of all adult (aged  $\geq 18$  years) in-center hemodialysis patients dialyzed with an AV fistula as their vascular access on their last hemodialysis session during October-December 1999, by Network. 2000 ESRD CPM Project.**



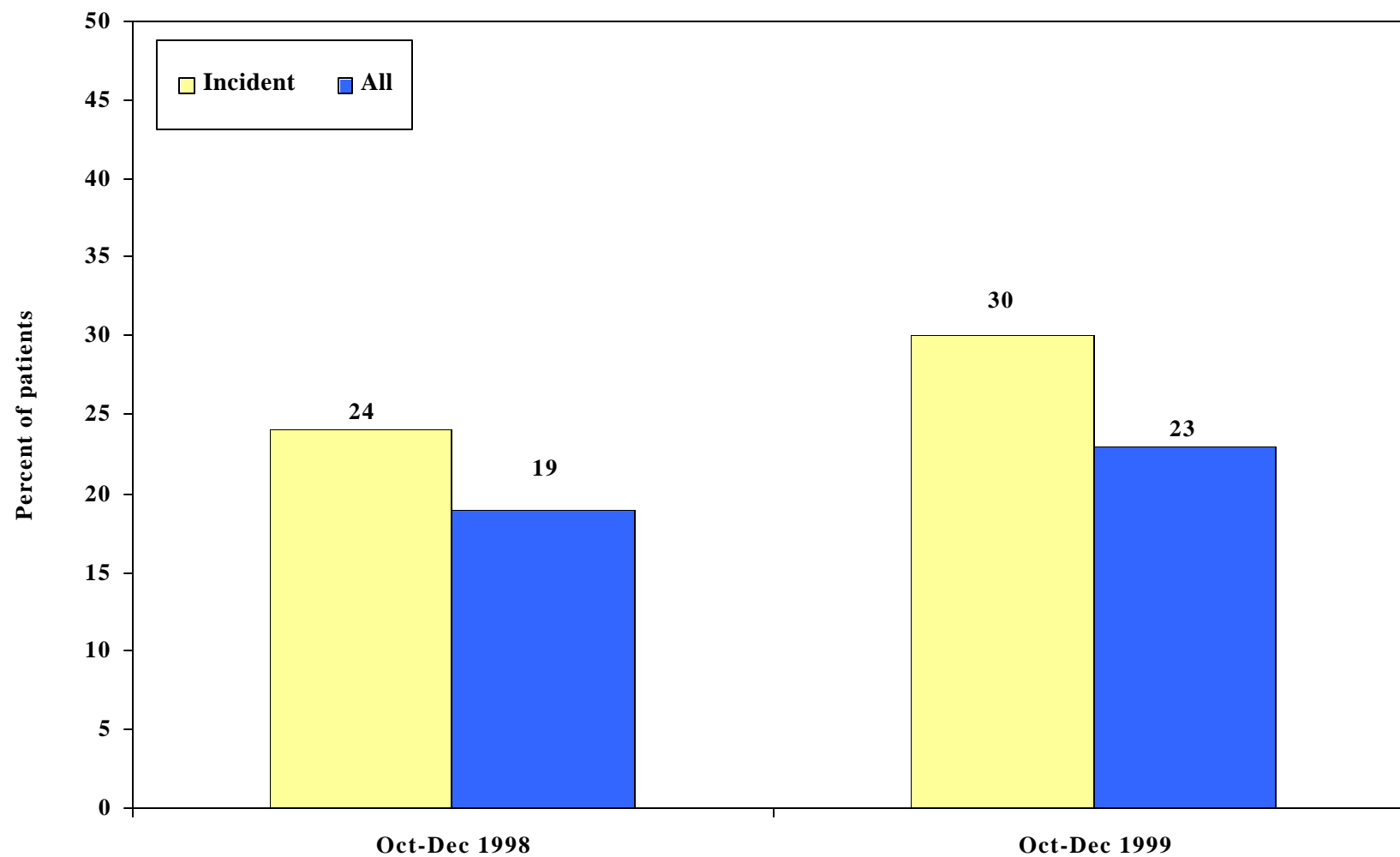
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 20: Percent of all adult (aged  $\geq 18$  years) in-center hemodialysis patients dialyzed with a catheter as their vascular access on their last hemodialysis session during October - December 1999, by Network. 2000 ESRD CPM Project.**



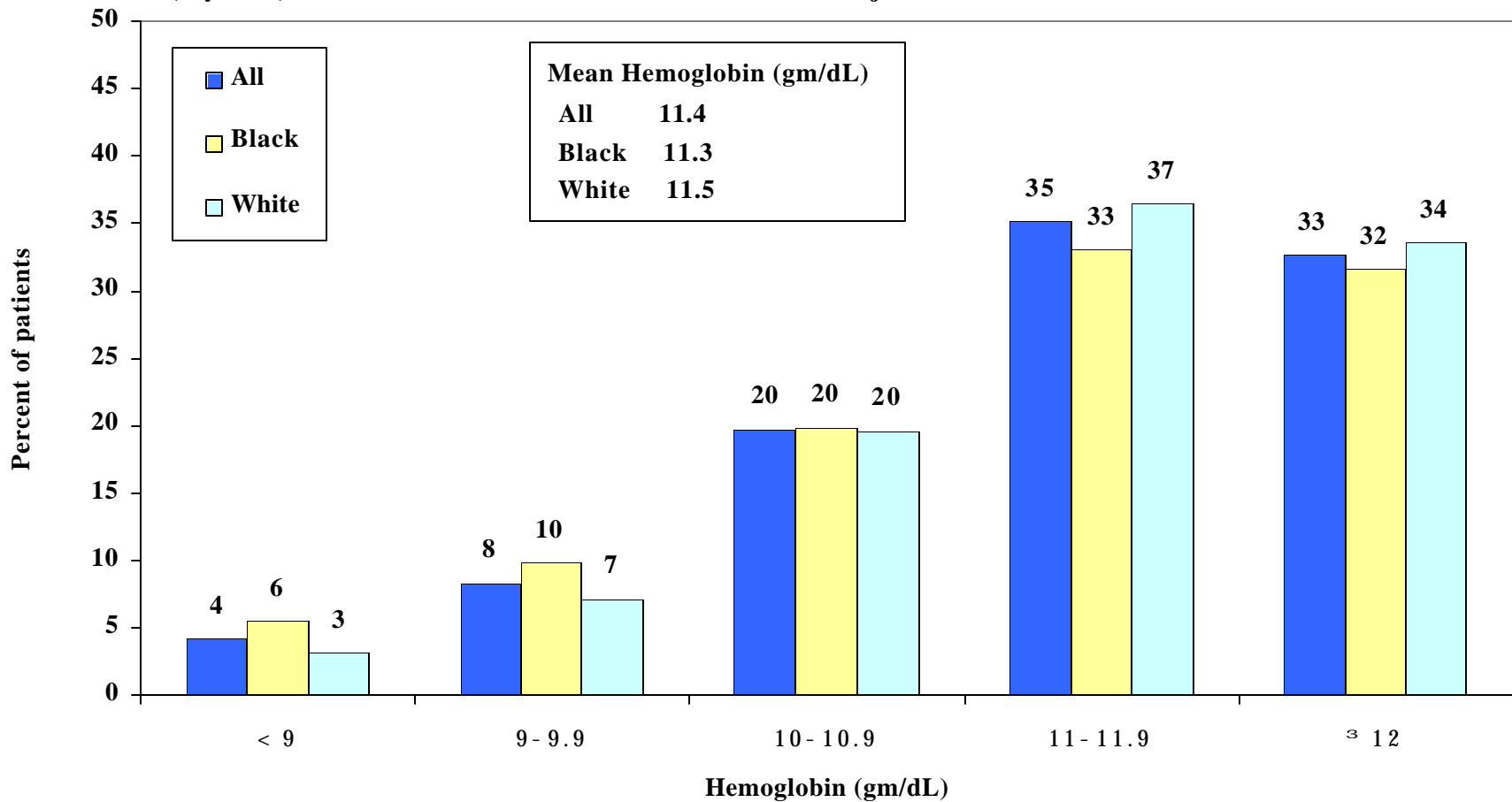
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 21: Percent of adult (aged  $\geq 18$  years) in-center hemodialysis patients (all and incident) dialyzed with a catheter on their last hemodialysis session during October-December 1999 compared to October-December 1998. 2000 ESRD CPM Project.**



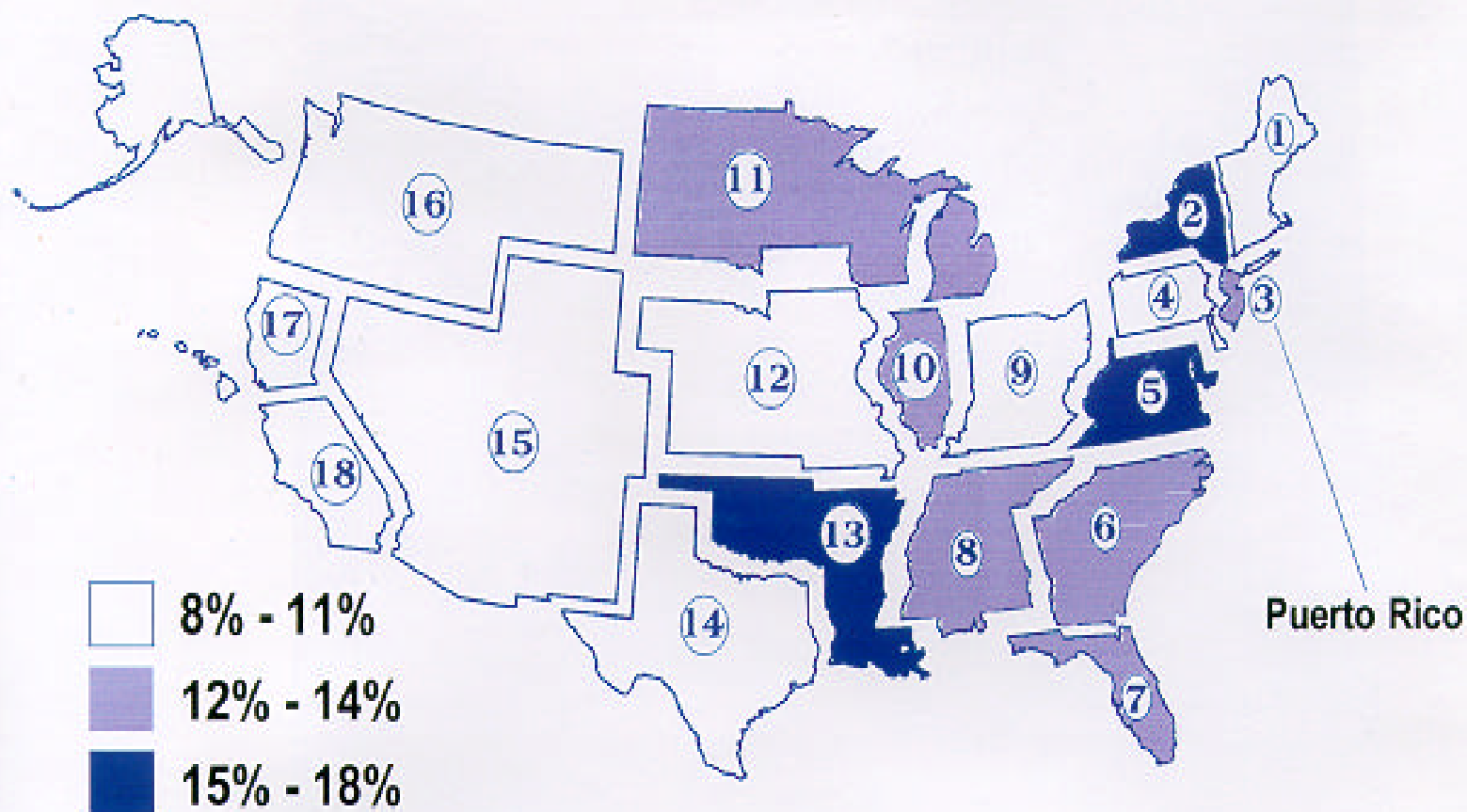
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 22: Distribution of mean hemoglobin values for adult (aged  $\geq$  18 years) in-center hemodialysis patients in the US, by race, October–December 1999. 2000 ESRD CPM Project.**



**Note:** The values appearing above the bars in the graph have been rounded; the bars, however, represent unrounded values.

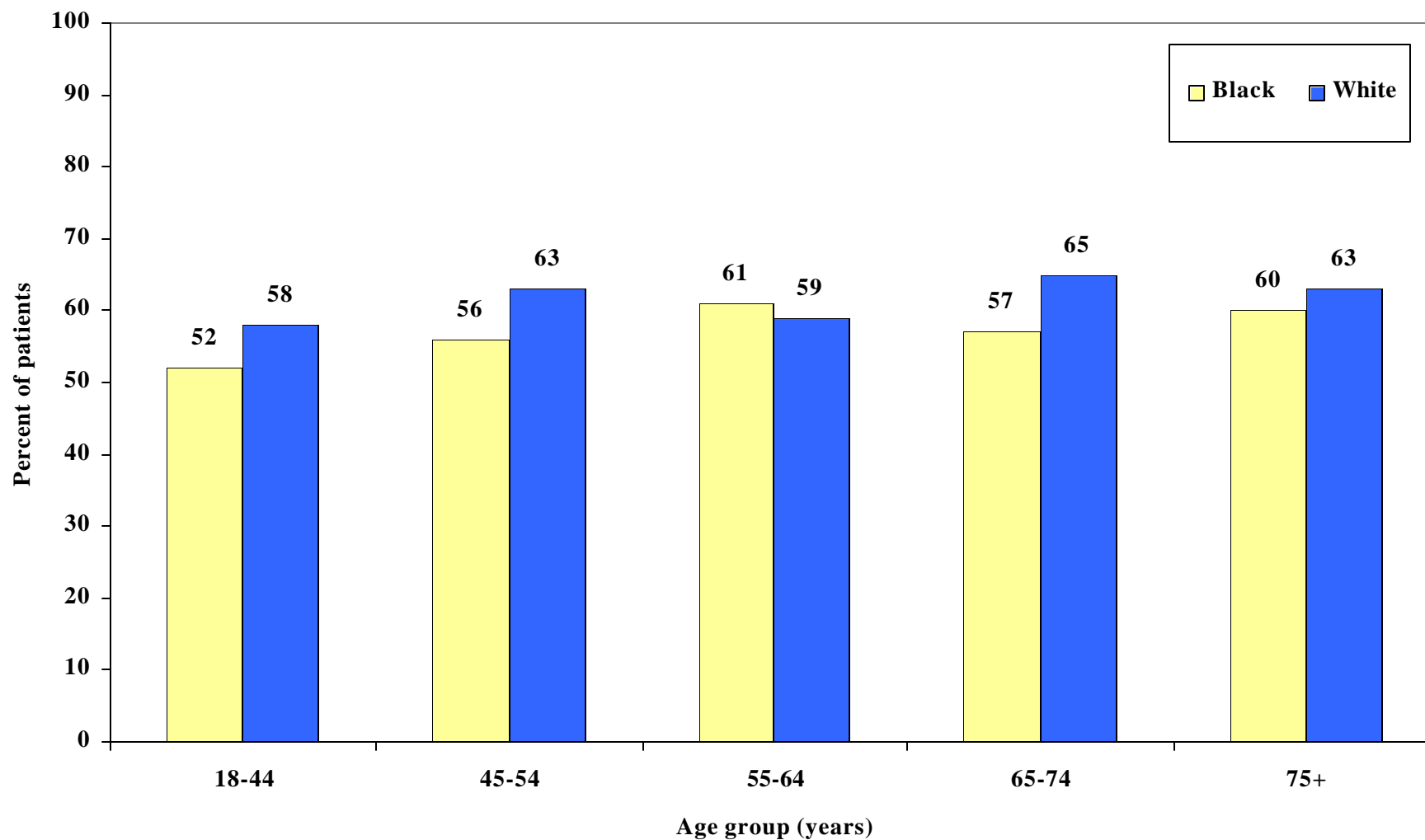
Figure 23: Percent of adult (aged  $\geq 18$  years) in-center hemodialysis patients with a mean hemoglobin  $< 10$  gm/dL, by Network, October - December 1999, 2000 ESRD CPM Project.



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

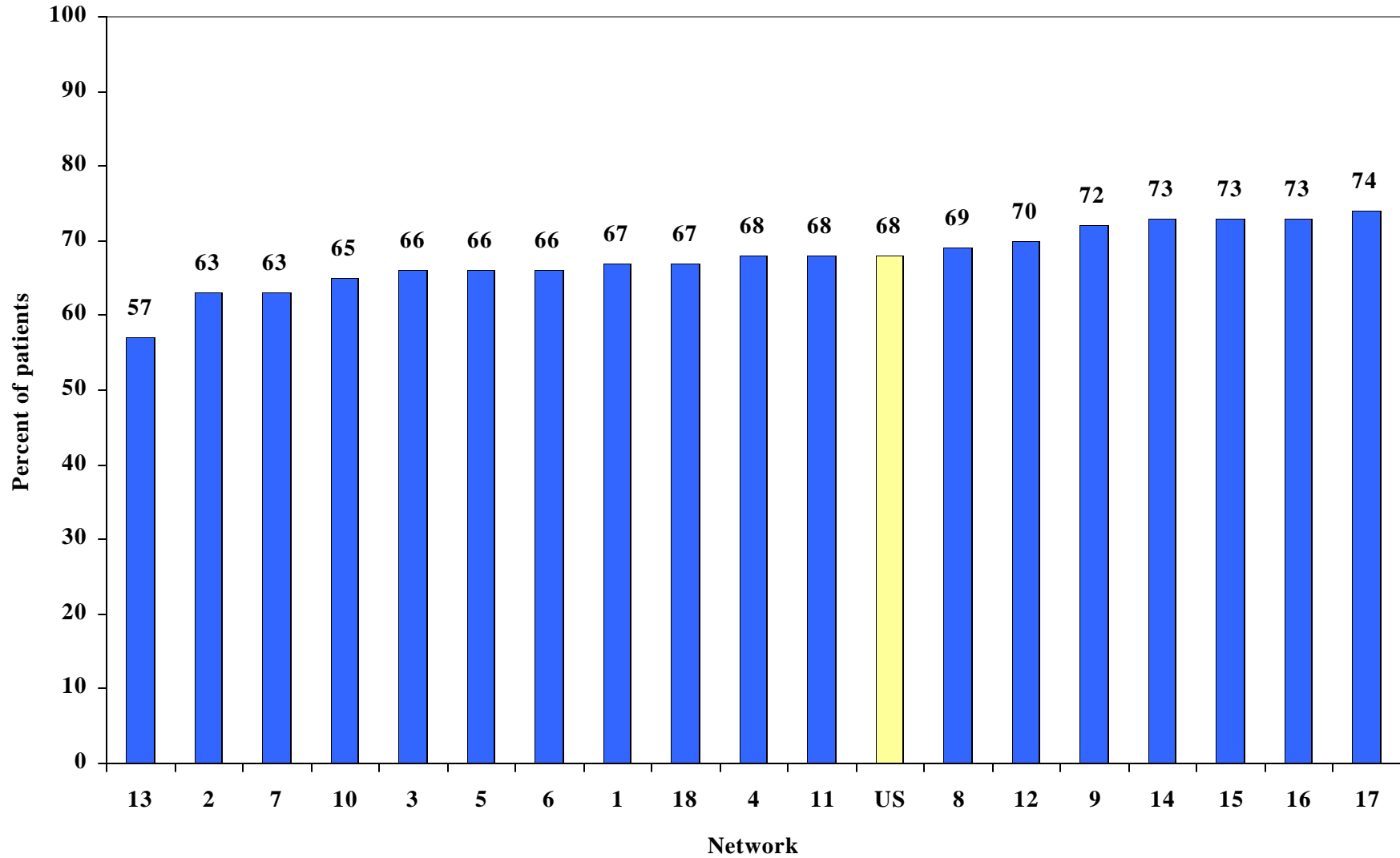


**Figure 24: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients prescribed Epoetin with mean hemoglobin 11-12.9 gm/dL, by age and race, October–December 1999. 2000 ESRD CPM Project.**



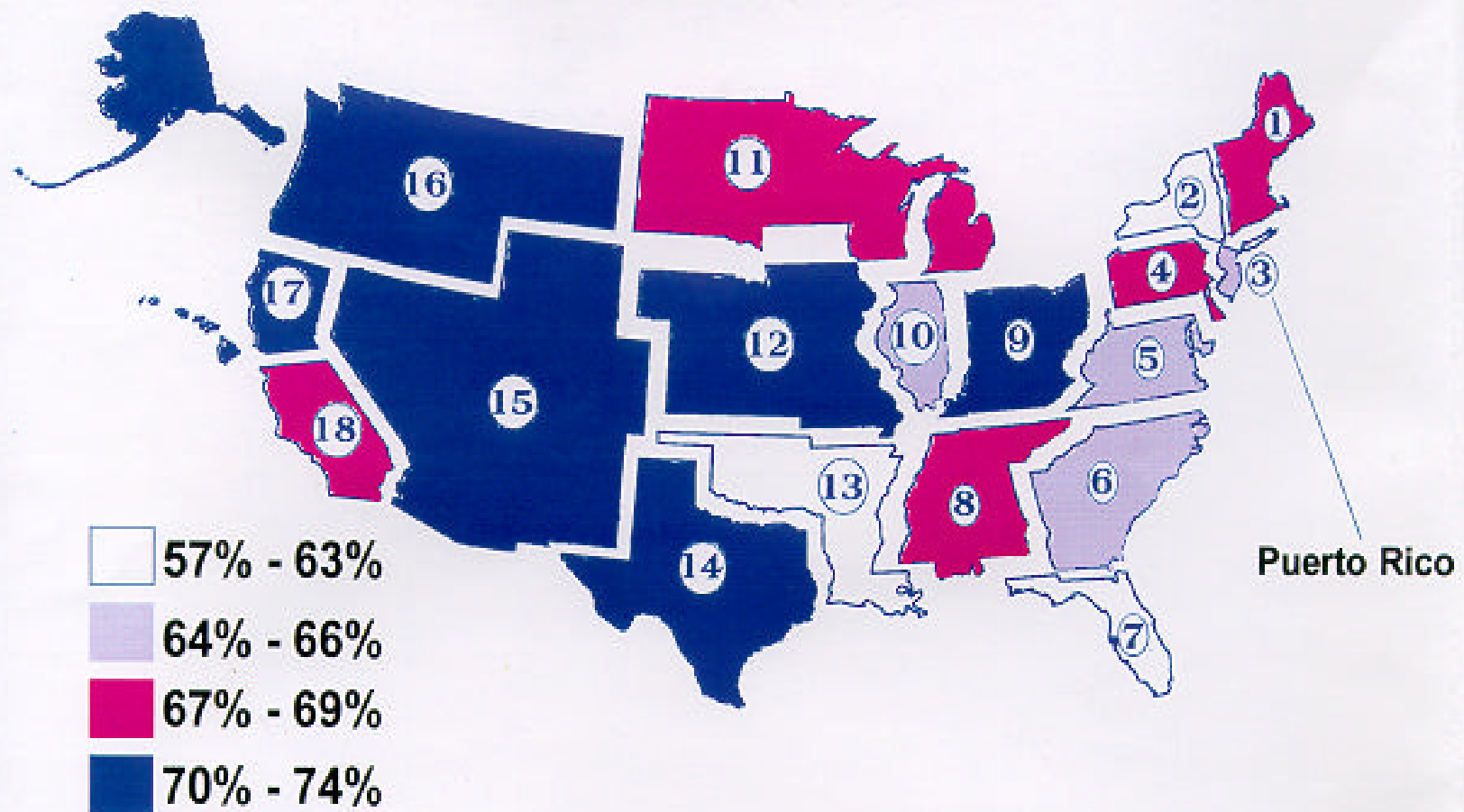
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 25: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean hemoglobin  $\geq$  11 gm/dL, by Network, October–December 1999. 2000 ESRD CPM Project.**



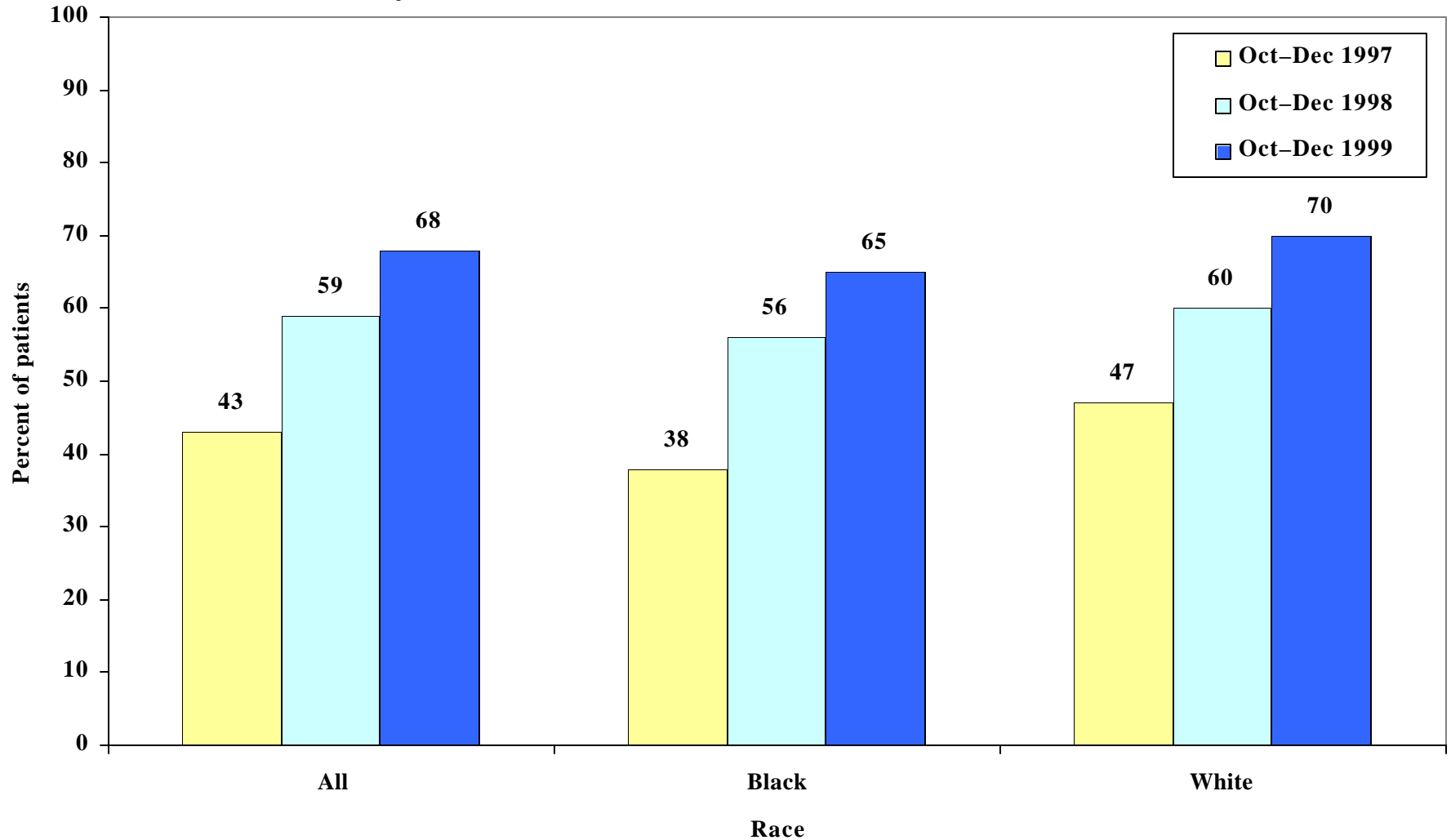
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

Figure 26: Percent of adult (aged  $\geq 18$  years) in-center hemodialysis patients with a mean hemoglobin of  $\geq 11$  gm/dL by Network, October - December 1999, 2000 ESRD CPM Project.



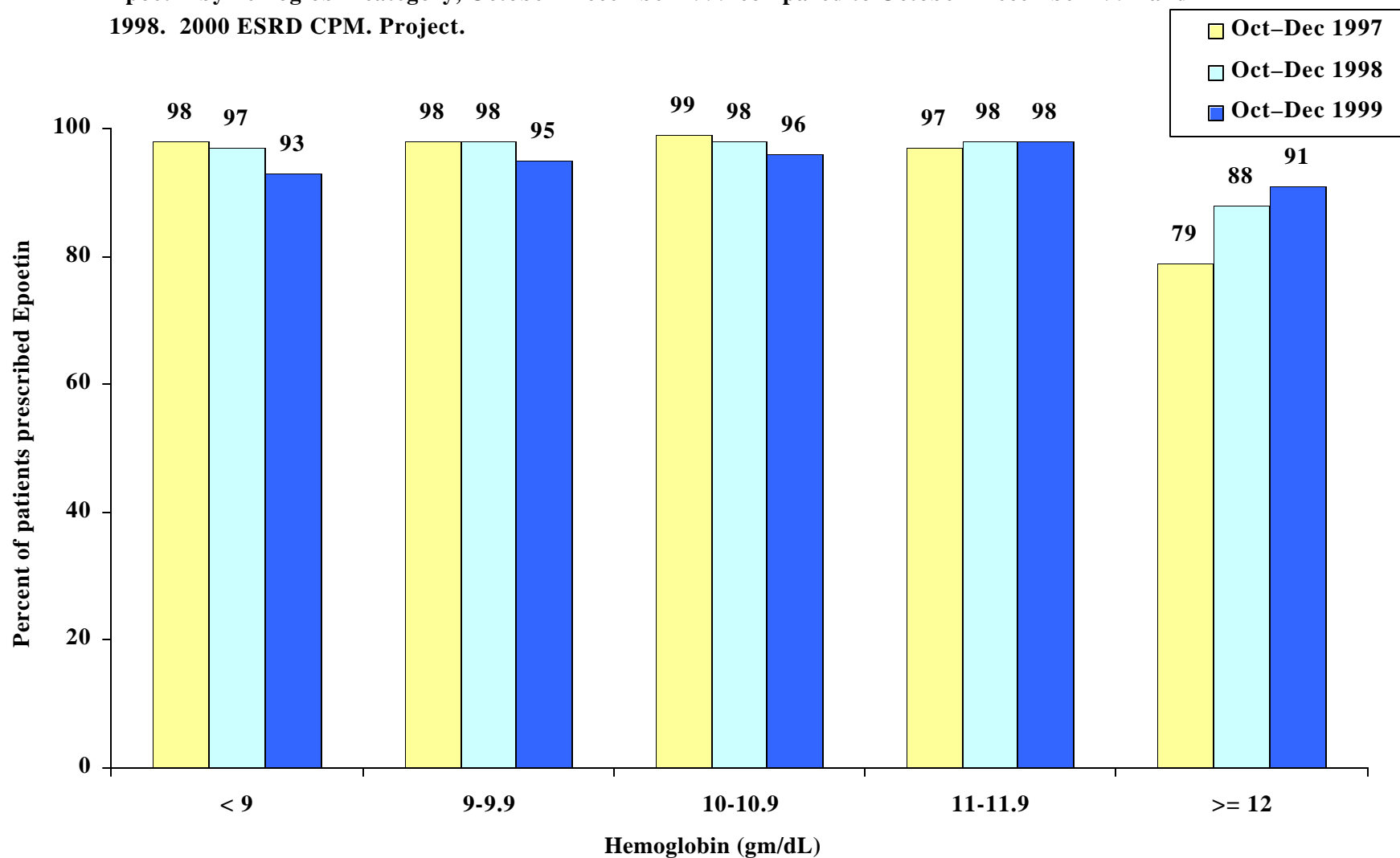
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 27: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean hemoglobin values  $\leq$  11 gm/dL, by race, October–December 1999 compared to October–December 1997 and 1998.**  
**2000 ESRD CPM Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

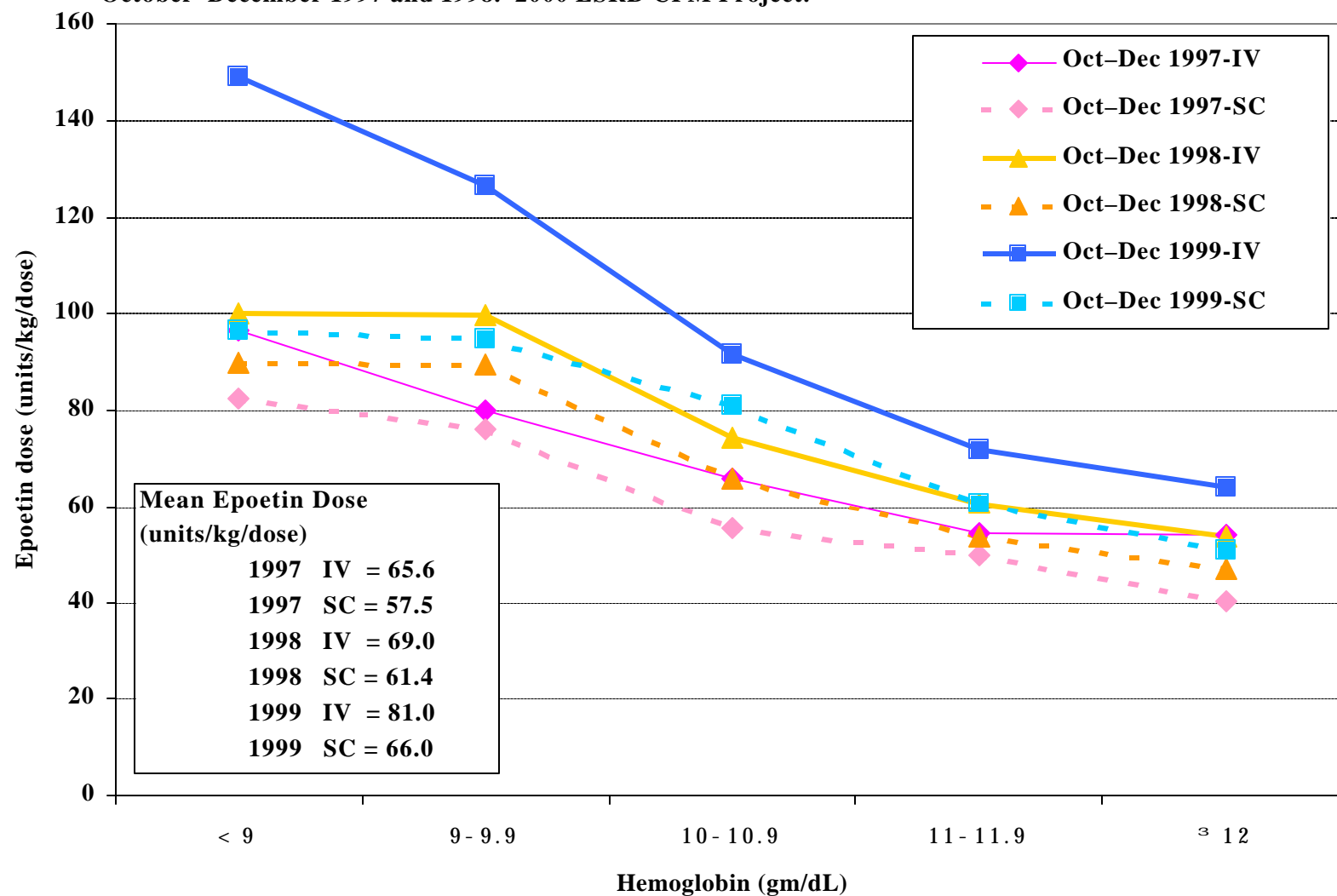
**Figure 28: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients who were prescribed Epoetin by hemoglobin category, October–December 1999 compared to October–December 1997 and 1998. 2000 ESRD CPM. Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

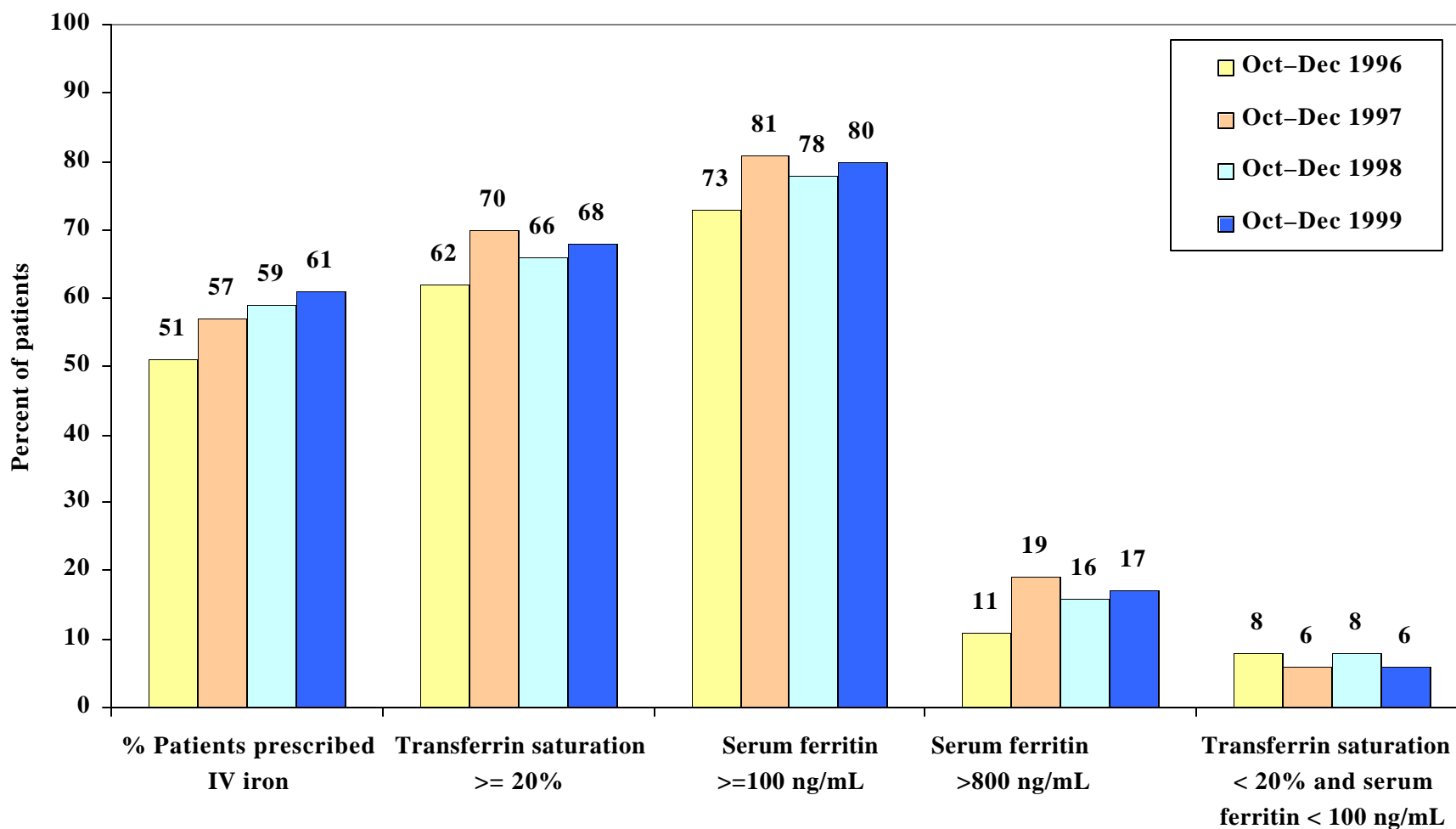


**Figure 29: Mean prescribed Epoetin dose (units/kg/dose) for adult (aged  $\geq$  18 years) in-center hemodialysis patients, by hemoglobin category and route of administration, October–December 1999 compared to October–December 1997 and 1998. 2000 ESRD CPM Project.**



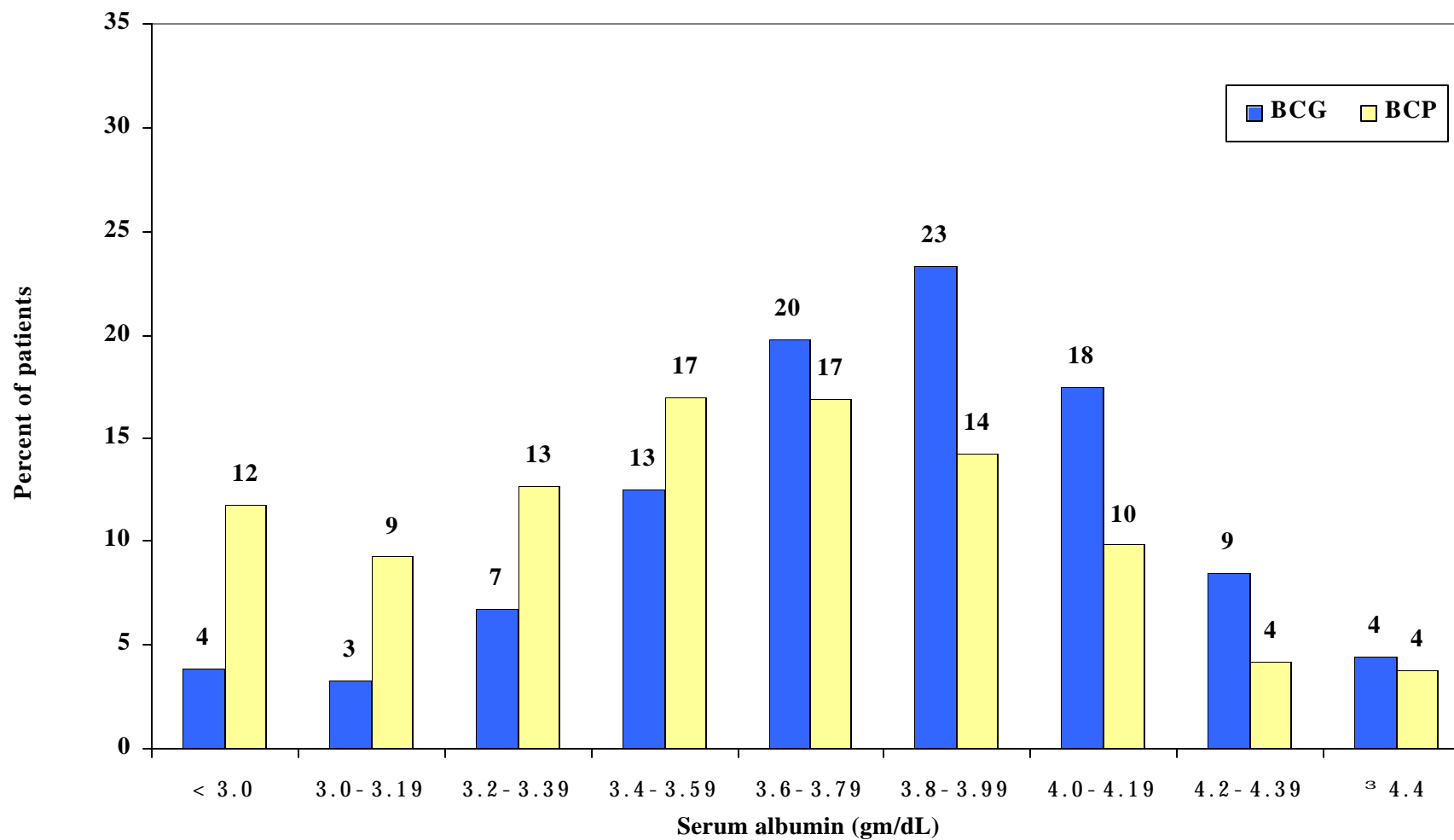
Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 30: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients prescribed intravenous iron, with mean transferrin saturation  $\geq$  20%, mean serum ferritin concentration  $\geq$  100 ng/mL and  $>$  800 ng/mL, and with both mean transferrin saturation  $<$  20% and mean serum ferritin concentration  $<$  100 ng/mL, October–December 1999 compared to October–December 1996, 1997, and 1998. 2000 ESRD CPM Project.**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 31: Distribution of mean serum albumin for adult (aged  $\geq 18$  years) in-center hemodialysis patients, by laboratory method\*, October-December 1999. 2000 ESRD CPM Project.**



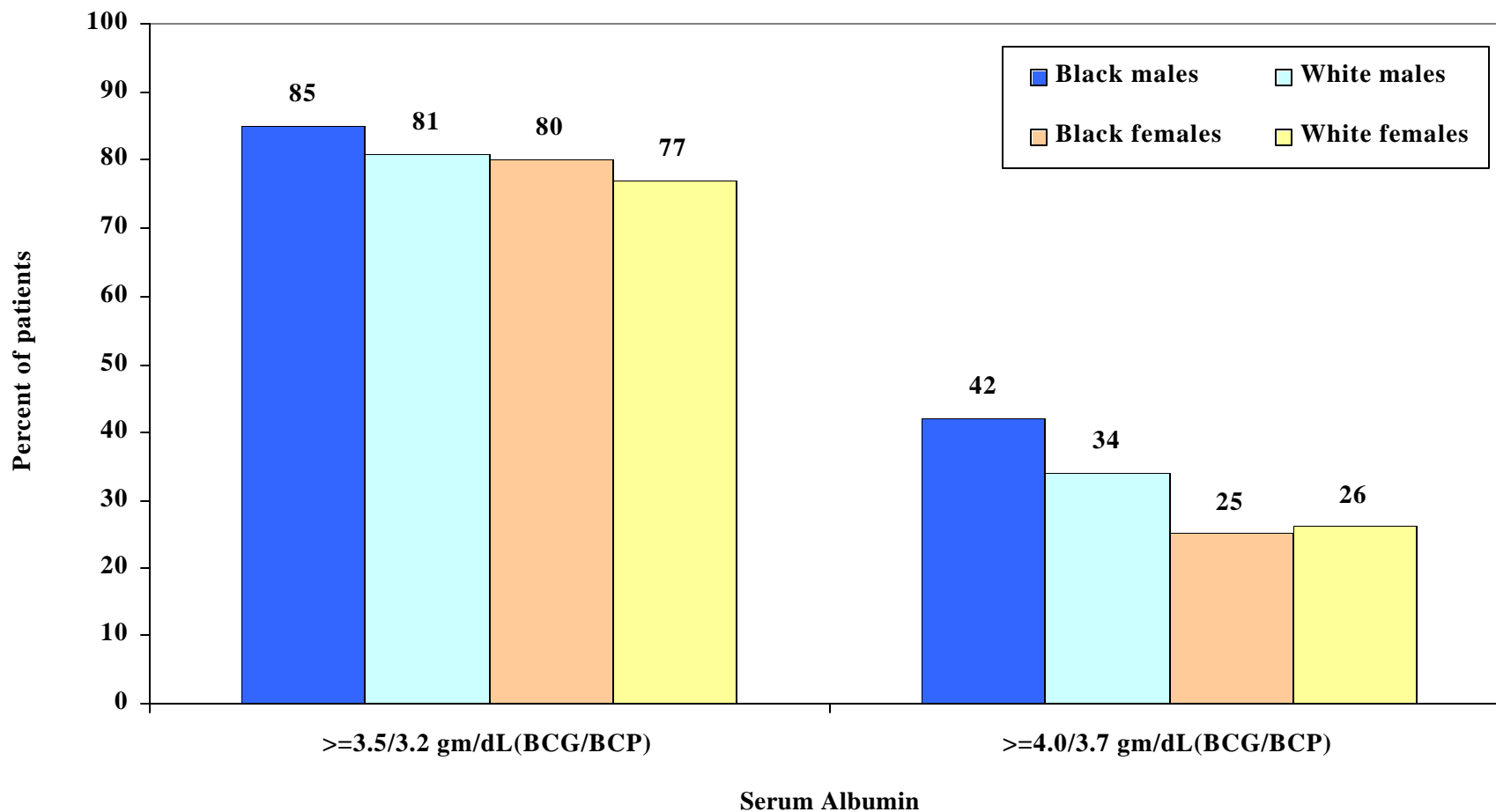
\* Laboratory method: BCG = bromocresol green; BCP = bromocresol purple

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project



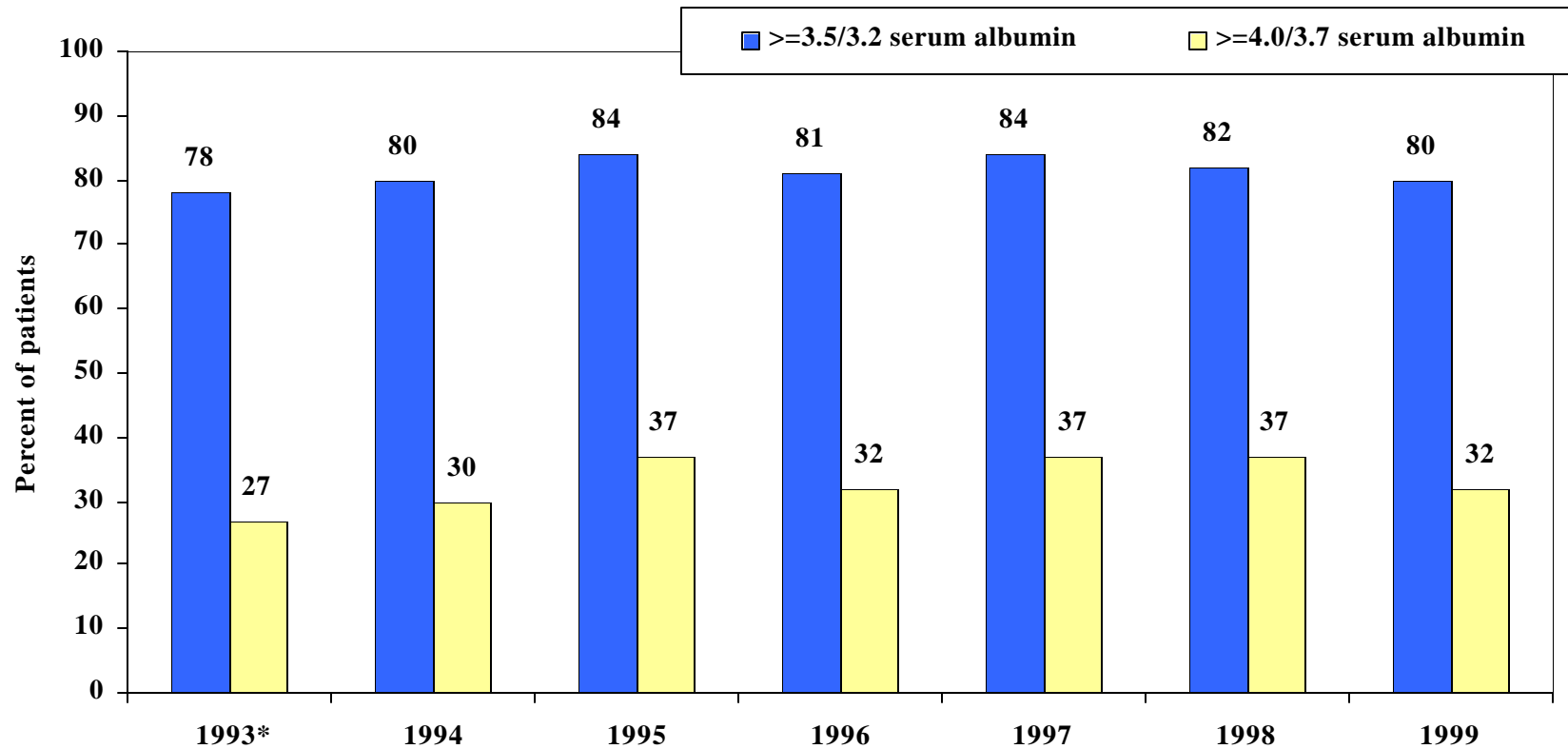


**Figure 32: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean serum albumin  $\geq$  3.5/3.2 gm/dL (BCG/ BCP)\* and with mean serum albumin  $\geq$  4.0/3.7 gm/dL (BCG/BCP), by race and gender, October–December 1999. 2000 ESRD CPM Project.**



\* Laboratory method: BCG = bromcresol green; BCP = bromcresol purple

**Figure 33: Percent of adult (aged  $\geq$  18 years) in-center hemodialysis patients with mean serum albumin  $\geq$  3.5/3.2 gm/dL (BCG/BCP)\*\* and  $\geq$  4.0/3.7 gm/dL (BCG/BCP), October-December 1999 compared to October-December 1993\*, 1994, 1995, 1996, 1997, and 1998. 2000 ESRD CPM Project.**



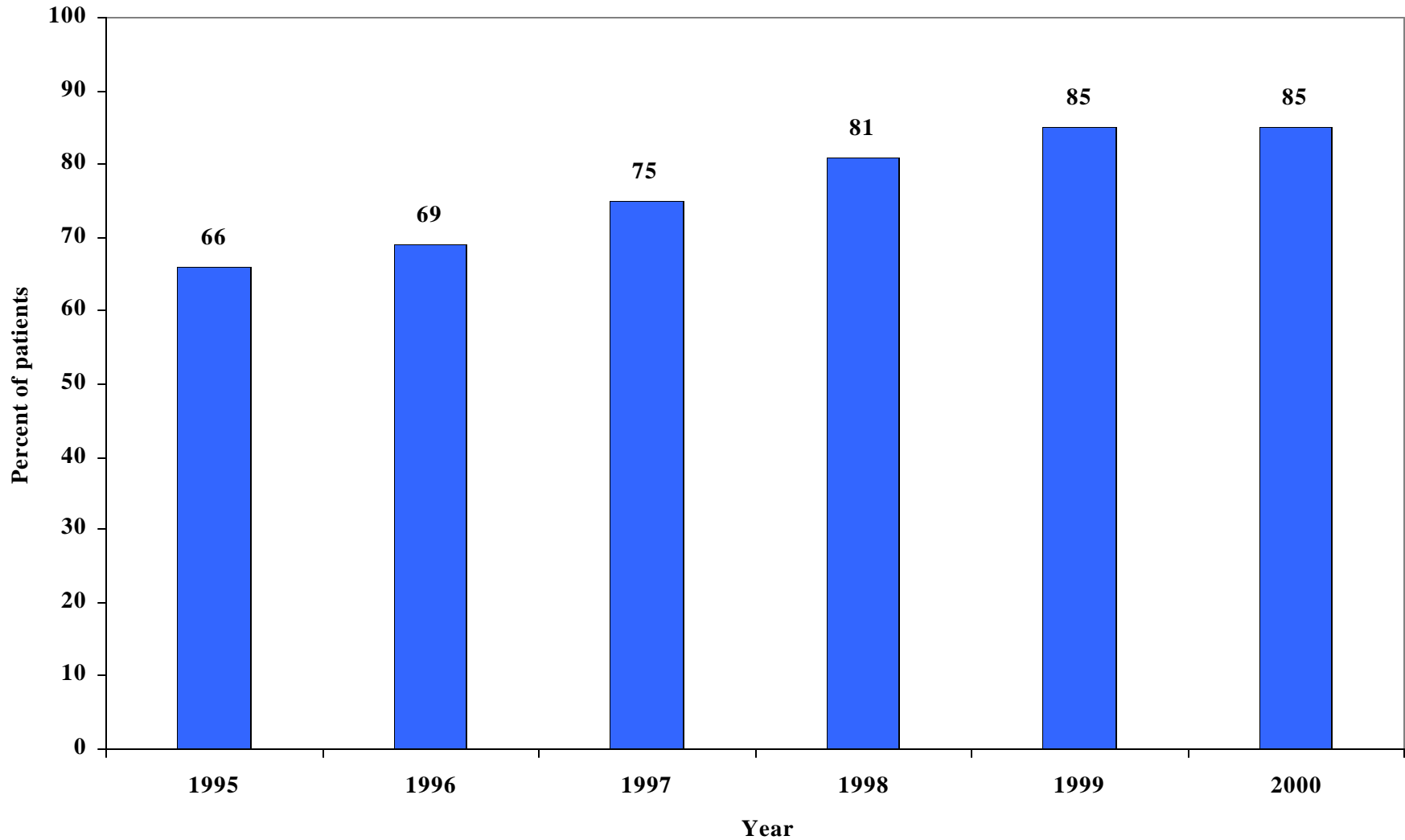
\*Sixteen Network areas participated in the first ESRD Core Indicators assessment (October–December 1993); all Network areas participated in subsequent years.

\*\*Note BCG = bromcresol green laboratory method  
BCP = bromcresol purple laboratory method

Source:  
2000 Annual Report  
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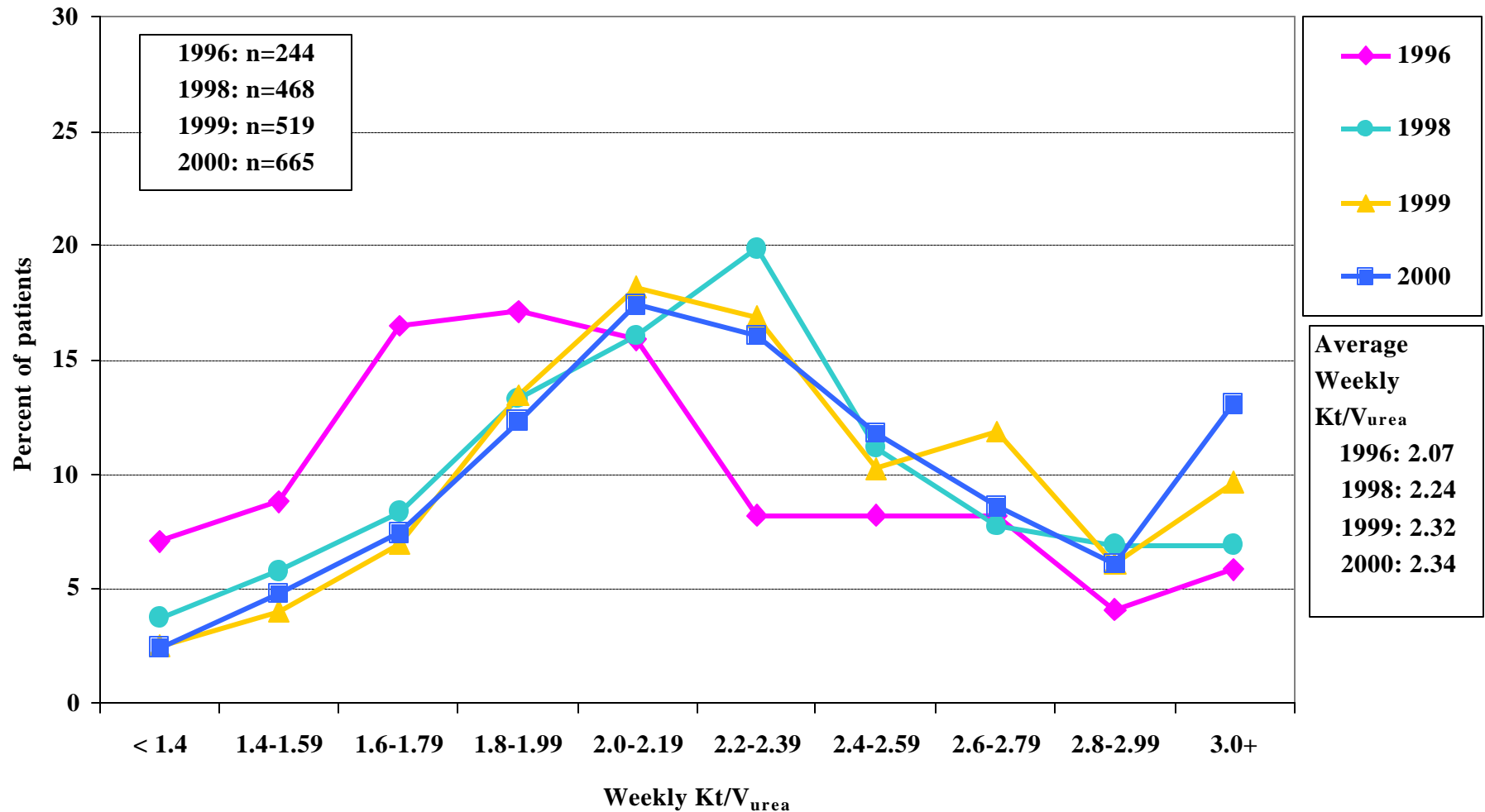


**Figure 34: Estimated percent of adult (aged  $\geq$  18 years) peritoneal dialysis patients with at least one adequacy assessment October 1999-March 2000, compared to November 1994-April 1995, November 1995-April 1996, November 1996-April 1997, November 1997-April 1998, and October 1998-March 1999. 2000 ESRD CPM Project.**



*Source:*  
2000 Annual Report  
ESRD Clinical Performance Measures Project

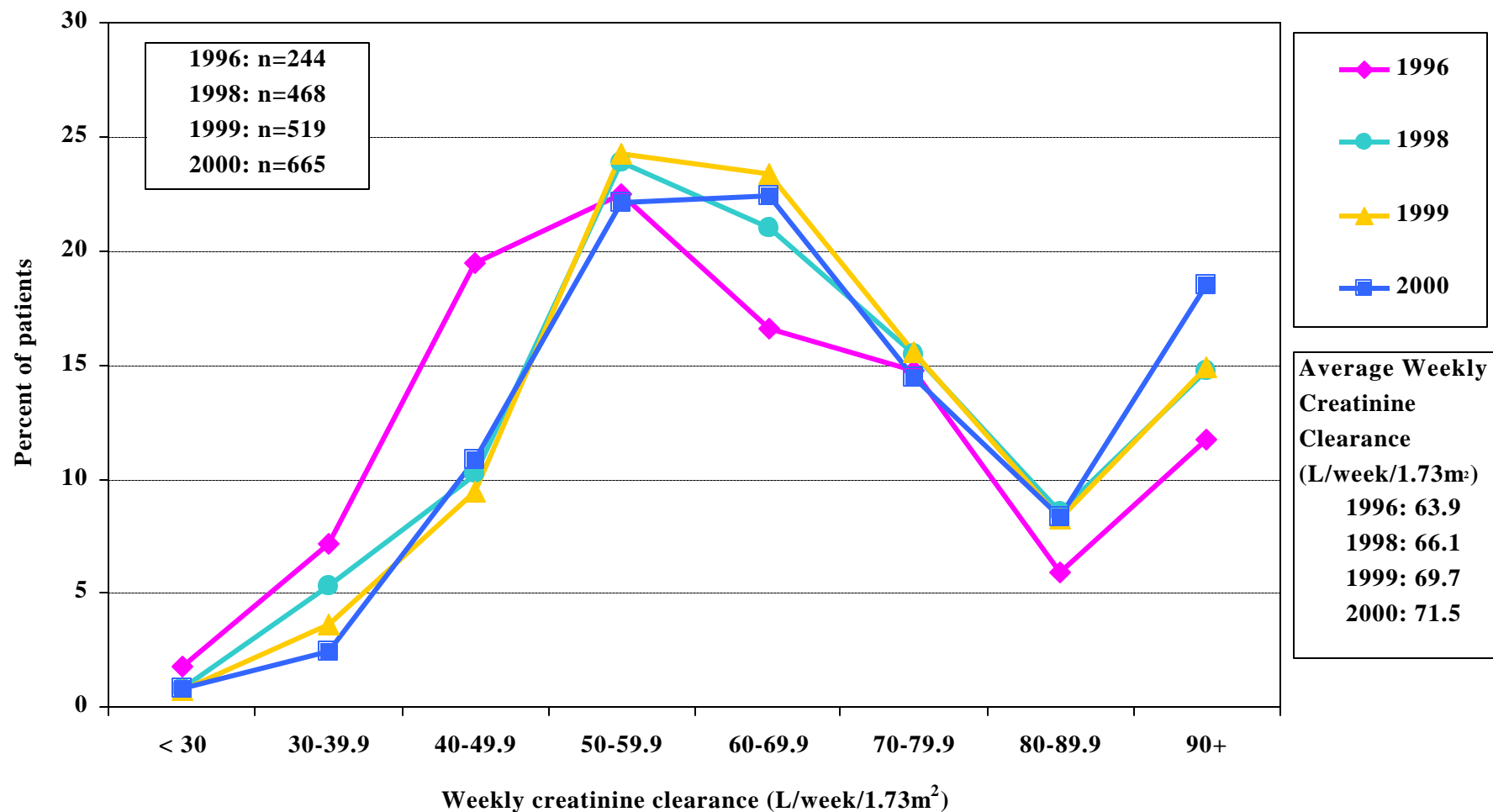
**Figure 35: Distribution of mean weekly  $Kt/V_{urea}$  for adult (aged  $\geq 18$  years) cycler patients with a daytime dwell, October 1999–March 2000 compared to November 1995–April 1996, November 1997–April 1998, and October 1998–March 1999. 2000 ESRD CPM Project.**



n=number of cycler patients with a daytime dwell in the sample

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 36: Distribution of mean weekly creatinine clearance (L/week/1.73m<sup>2</sup>) for adult (aged ≥ 18 years) cycler patients with a daytime dwell, October 1999–March 2000 compared to November 1995–April 1996, November 1997–April 1998, and October 1998–March 1999. 2000 ESRD CPM Project.**

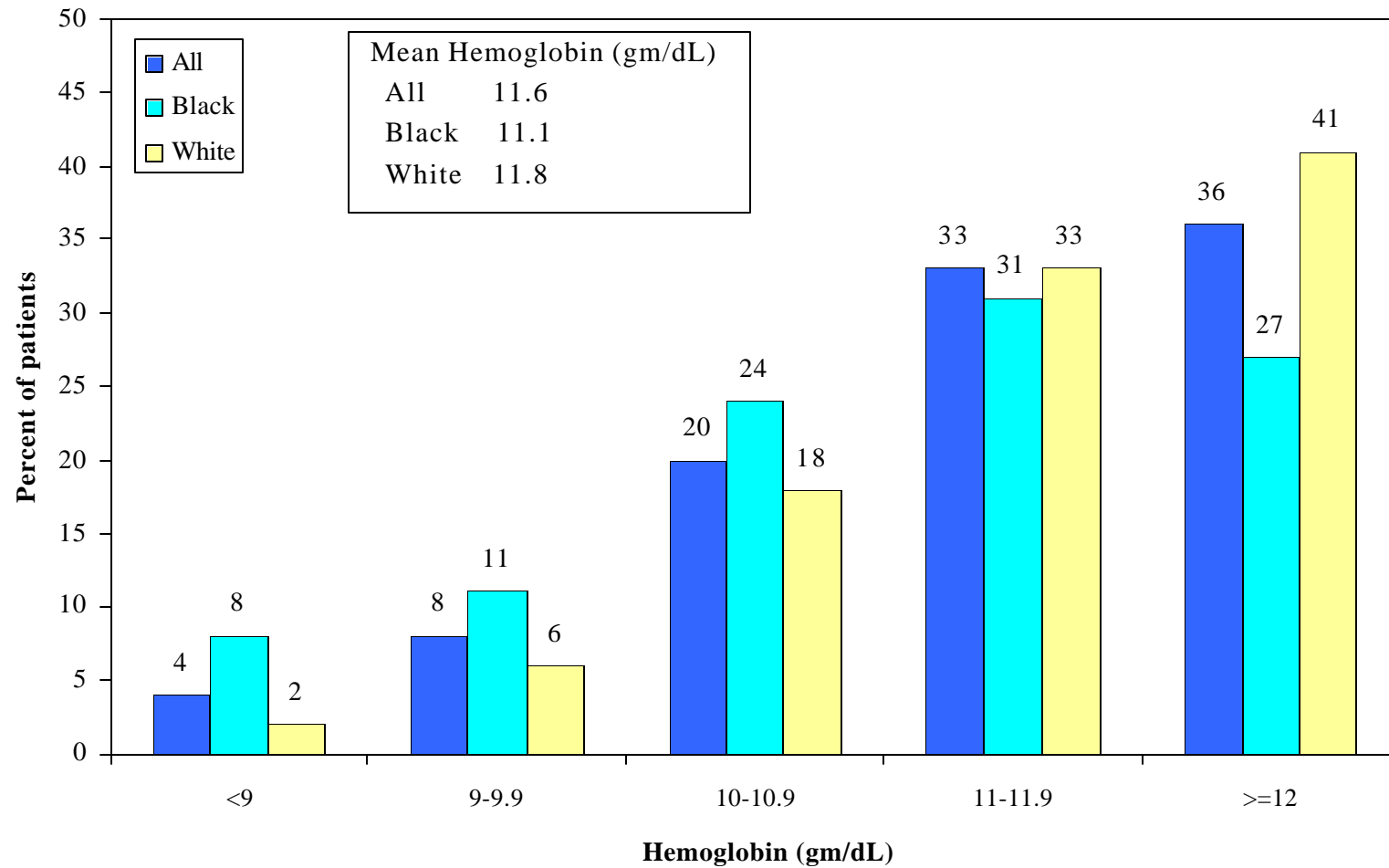


n=number of cycler patients with a daytime dwell in the sample

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project



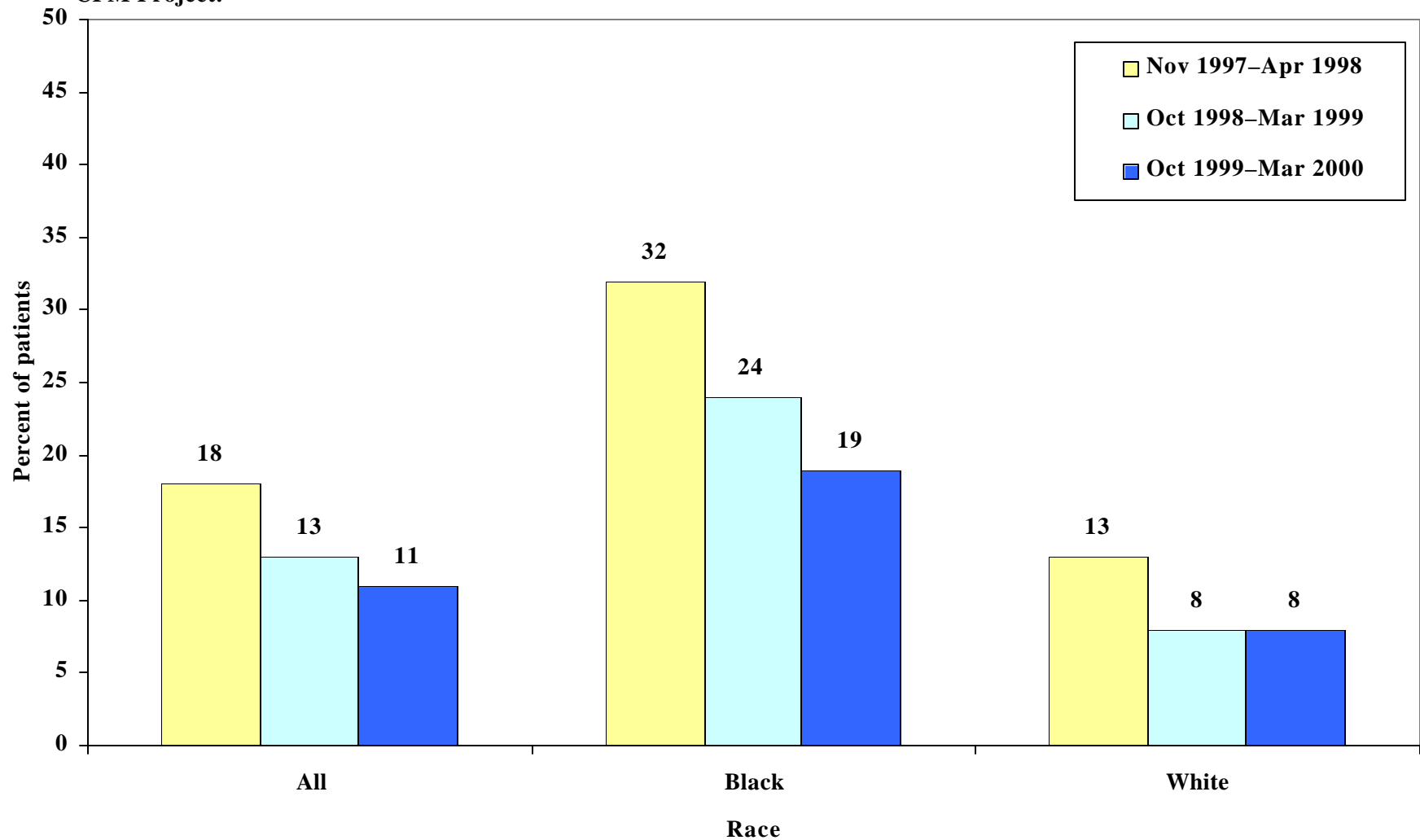
**Figure 37: Distribution of mean hemoglobin values for adult (aged  $\geq$  18 years) peritoneal dialysis patients in the US, by race, October 1999–March 2000. 2000 ESRD CPM Project.**



**Note:** The values appearing above the bars in the graph have been rounded.

*Source:*  
2000 Annual Report  
ESRD Clinical Performance Measures Project

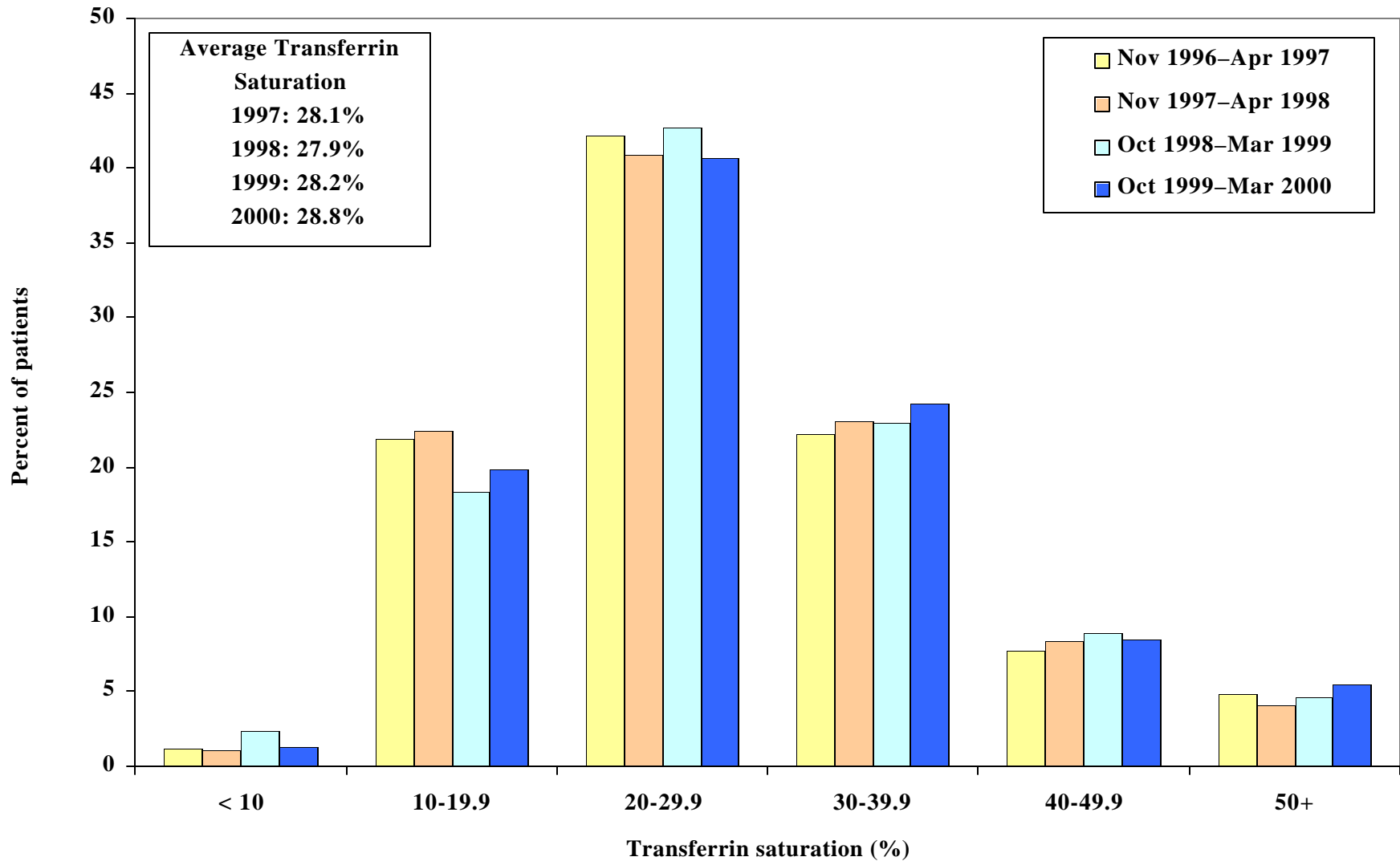
**Figure 38: Percent of adult (aged  $\geq$  18 years) peritoneal dialysis patients with mean hemoglobin < 10 gm/dL, by race, October 1999-March 2000 compared to November 1997-April 1998 and October 1998-March 1999. 2000 ESRD CPM Project.**



*Source:*  
2000 Annual Report  
ESRD Clinical Performance Measures Project



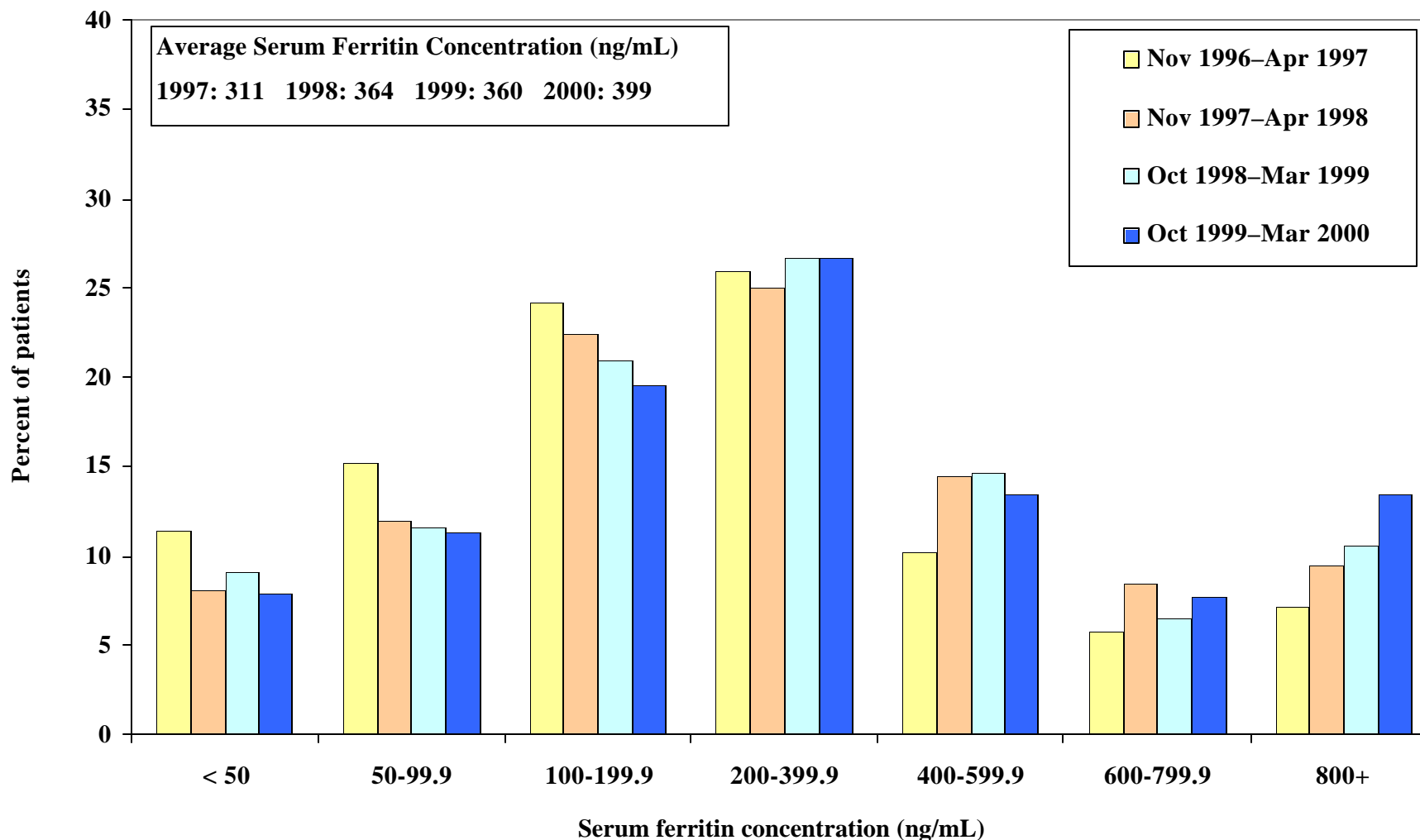
**Figure 39: Distribution of mean transferrin saturation values (%) for adult (aged  $\geq$  18 years) peritoneal dialysis patients, October 1999-March 2000 compared to November 1996-April 1997, November 1997-April 1998, and October 1998-March 1999. 2000 ESRD CPM Project.**



Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project



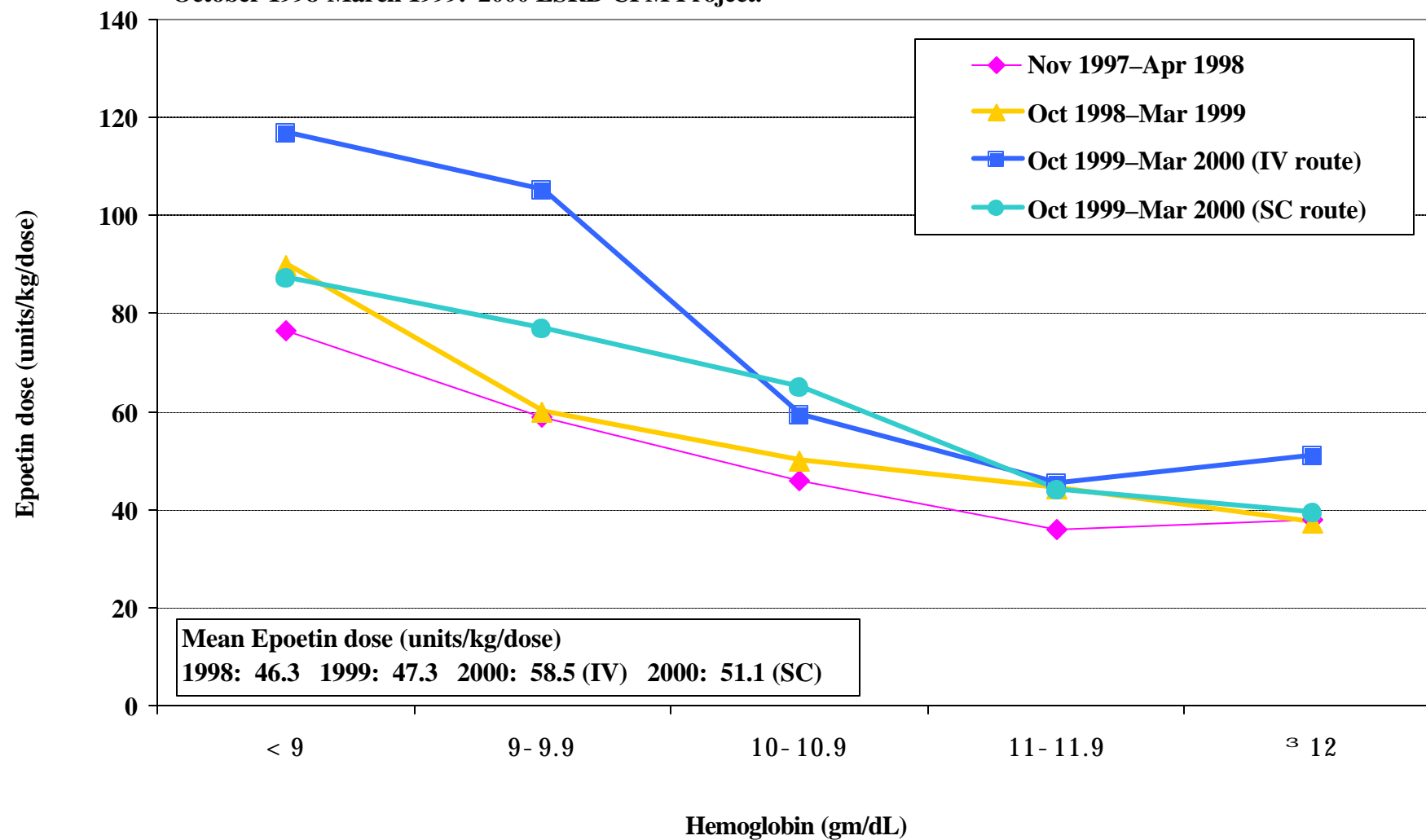
**Figure 40: Distribution of mean serum ferritin concentration (ng/mL) for adult (aged  $\geq$  18 years) peritoneal dialysis patients, October 1999-March 2000 compared to November 1996-April 1997, November 1997-April 1998, and October 1998-March 1999. 2000 ESRD CPM Project.**



Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project

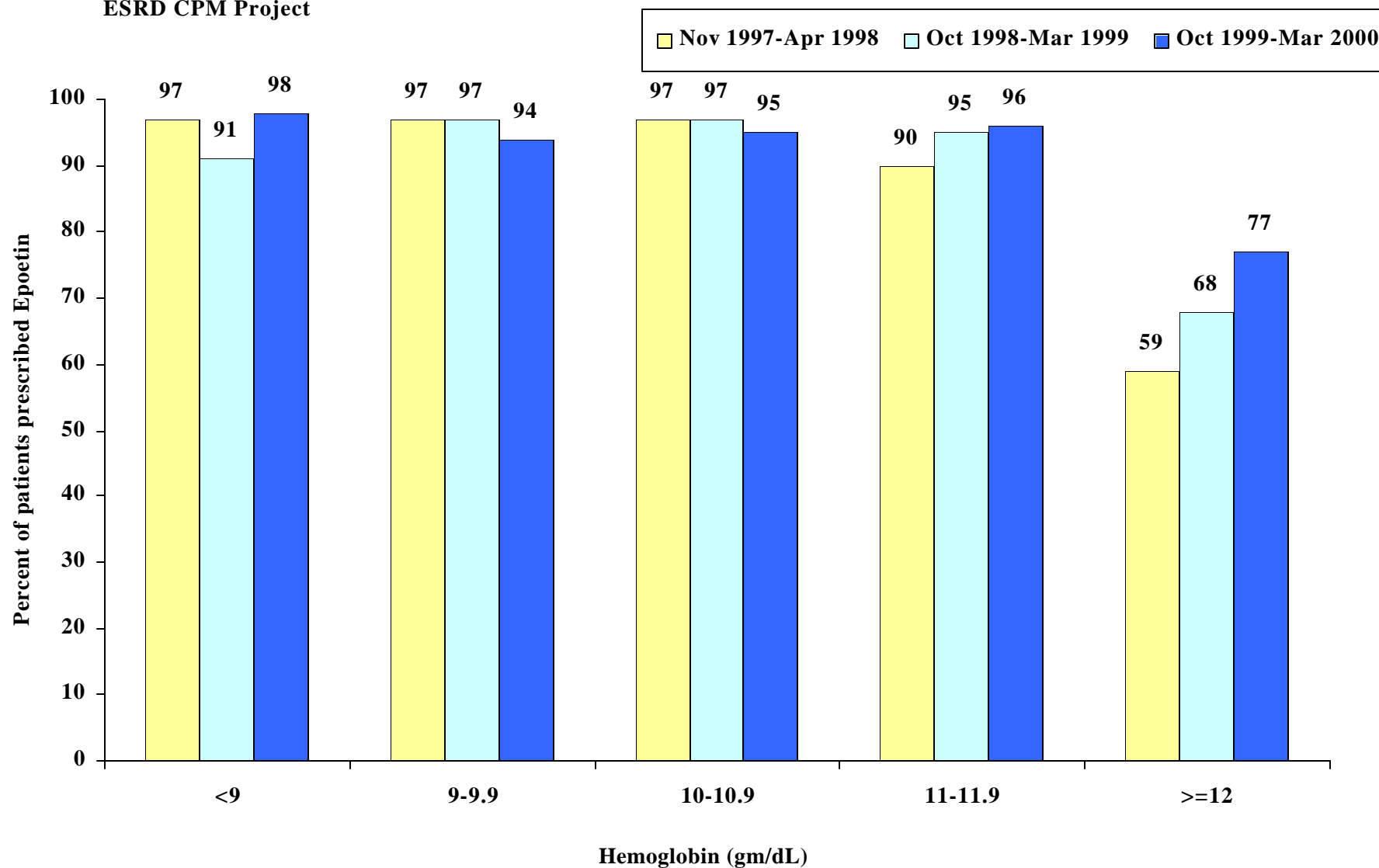


**Figure 41: Mean Epoetin dose (units/kg/dose) by hemoglobin category for adult (aged  $\geq$  18 years) peritoneal dialysis patients prescribed Epoetin October 1999-March 2000 compared to November 1997-April 1998 and October 1998-March 1999. 2000 ESRD CPM Project.**



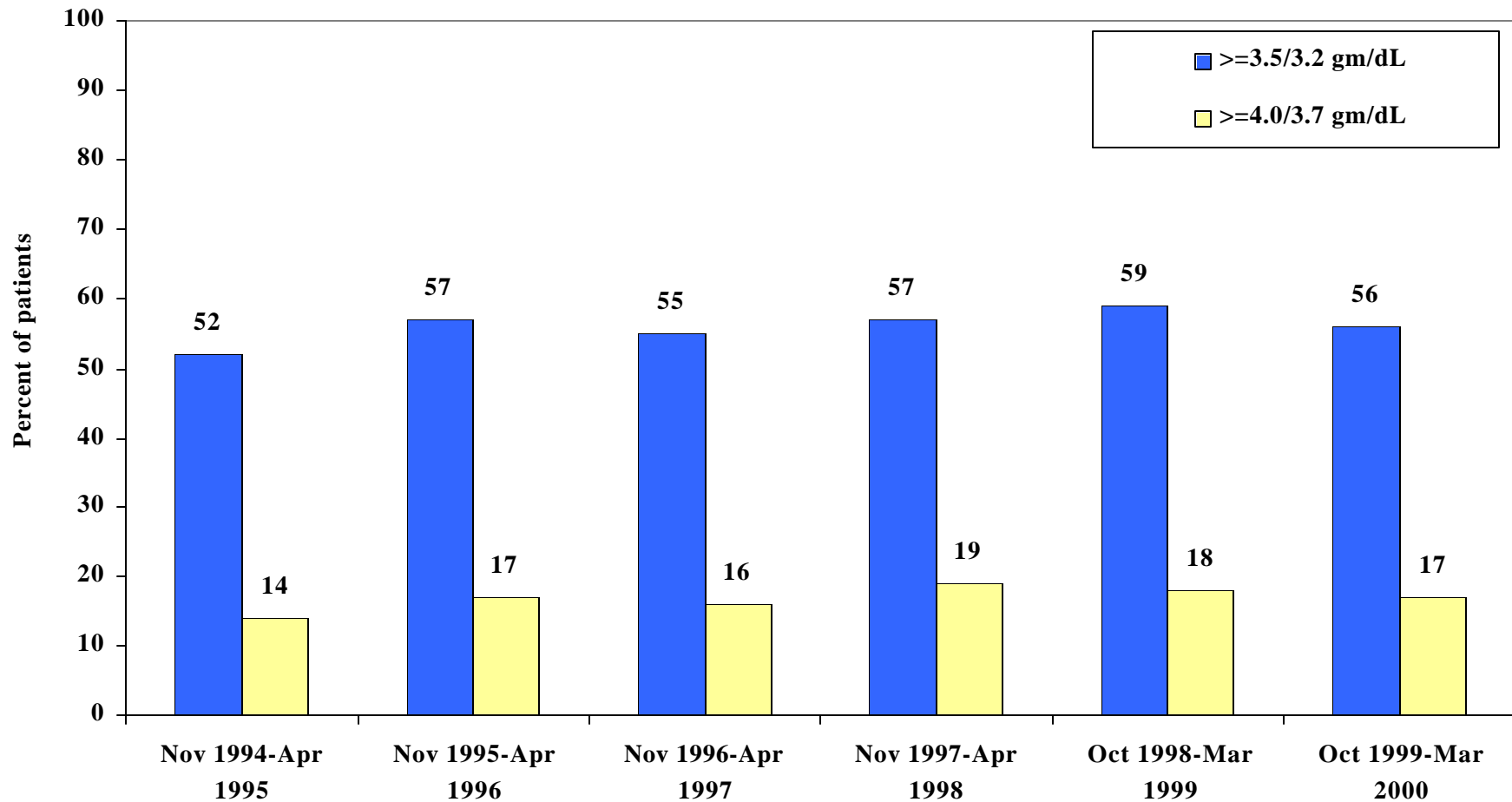
Source:  
 2000 Annual Report  
 ESRD Clinical Performance Measures Project

**Figure 42: Percent of adult (aged  $\geq$  18 years) peritoneal dialysis patients who were prescribed Epoetin by hemoglobin category, October 1999-March 2000 compared to November 1997-April 1998 and October 1998-March 1999. 2000 ESRD CPM Project**



Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project

**Figure 43: Percent of adult (aged  $\geq$  18 years) peritoneal dialysis patients with mean serum albumin  $\geq$  3.5/3.2 gm/dL (BCG/BCP)\* and  $\geq$  4.0/3.7 gm/dL (BCG/BCP), October 1999-March 2000 compared to November 1994-April 1995, November 1995-April 1996, November 1996-April 1997, November 1997-April 1998, and October 1998-March 1999. 2000 ESRD CPM Project.**



\*Note: BCG = bromcresol green laboratory method; BCP = bromcresol purple

Source:  
2000 Annual Report  
ESRD Clinical Performance Measures Project